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# HoToGAMIT

How to Get Around MIT

Edition 8

September, 1976



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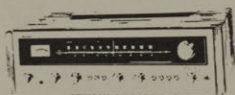
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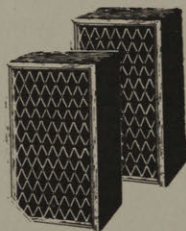
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## HoToGAMIT 8 Feedback Sheet

### WE NEED YOUR SUGGESTIONS

1. What have you found incorrect or misleading? (please give page number)
2. What seems unnecessary? What should be added?
3. What other comments do you have?

Fold 1

Fold 2

- ☐ I want to talk to the editor or write an article on a particular subject
- ☐ I am interested in working on next year's edition.

NAME \_\_\_\_\_

CLASS \_\_\_\_\_ PHONE \_\_\_\_\_

e.g., '77, professor, secretary, grad student

ADDRESS \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please use staples, do not tape.

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**How To Get Around MIT  
Technology Community Association  
Room W20-450  
Massachusetts Institute of Technology  
Cambridge MA 02139**

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WE NEED YOUR SUGGESTIONS

1. What have you found most out of interest? What did you learn?
2. What seems unnecessary? What should be added?
3. What other comments do you have?

\_\_\_\_\_

\_\_\_\_\_

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**How To Get Around MIT**  
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ADDRESS \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# How To Get Around MIT

**Edition 8**

**September, 1976**

**Dedication:**

*Problems worthy of attack,  
Prove their worth by hitting back.*

— Piet Hein

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# Emergency Information ... This Book Fire, Medical, Police

To aid you in using this book, black index markings have been added to indicate the location of each chapter. Refer to this page whenever you wish to find a certain section quickly.

HELP

ACADEMICS

FACILITIES

GROUPS

FINANCIAL

HOUSING

LAW

ART AND TOURISM

TRAVEL AND TRANSPORTATION

MEDIA

SHOPPING

RESTAURANTS

ENTERTAINMENT

RECREATION

APPENDICES

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# About This Book . . .

*In an orchard there should be enough to eat, enough to lay up, enough to be stolen, and enough to rot upon the ground.*

— Samuel Madden

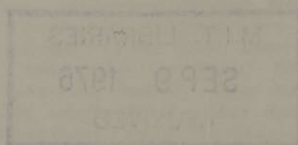
*HoToGAMIT* is written and published by the Technology Community Association as an introductory handbook for all new members of the MIT community and as a quick reference guide to MIT and the Boston area. Although TCA is primarily a student organization, employees, faculty, and other members of the MIT community all work on the book to make it as up-to-date and useful as possible. If you would like to help with next year's edition, or have updated and improved information, please send us a feedback sheet. An ample supply of feedback sheets is attached in the front of the book.

*HoToGAMIT* is distributed to all new undergraduates by the Freshman Advisory Council. Extra copies are available from TCA (W20-450,x3-4885) at our per-copy cost.

This edition has been greatly revised and reorganized. Due to rising costs, the wide margins of previous editions were removed. New information in this edition includes a restaurant index, expanded music listings, a guide to churches, and an expanded listing of groups at MIT.

*Be joyful in the serious game.*

— Goethe



# Emergency Information

## **Fire, Medical, Police**

Call x100 or d100. Your call goes to Campus Patrol, who can transport you to the Medical Department. Emergency medical care after office hours is available at the Infirmary (W5, between McCormick & Baker). Ambulance Service is available from Campus Patrol 24 hours a day.

## **Physician, Surgeon, Psychiatrist**

The Medical Department (Building 11, x3-4481 or 3-4485) always has a physician, a surgeon and a psychiatrist on call. The psychiatrist especially can be consulted in confidence about anything from home troubles to a bad trip.

## **Arrest**

If you are arrested, call Campus Patrol (253-2996, or x3-2996. Lest you forget, the number is on the back of your ID card). In nearly all cases, Campus Patrol will help the students seeking release from custody on the student's personal recognizance, on bail, or through arrangements with a bondsman. Don't plead guilty — just ask for a "continuance." (Campus Patrol will explain this and more if you call.)

## **Dean-on-Call**

There is always a dean on call, even after office hours. To reach him for any reason call Campus Patrol (253-2996, or x3-2996) and ask for the Dean-on-Call.

## **Money**

### **During Office Hours**

**Undergrads:** Go the Financial Aid Office (5-119, x3-4974) to request a loan (which may be approved within a few minutes). Then go the Student Accounts Office (E19-215, x3-4133, open 9-5), and finally to the Cashier's Office (10-180, open 9-3).

Alternatively, you can start at the Dean's Office (5-104, x3-4861 or 7-133, x3-6776).

**Grads:** You can get an advance on your fellowship money if necessary; go to the Graduate School Office (3-134, x2-4868). If you are not on fellowship or need a loan, use the procedure described above for undergraduates.

### **After Hours**

Contact the Dean-on-Call (see above), who can clear you for money from the Campus Patrol emergency fund. If you're off campus the money may even be wired to you.

## **Physical Plant**

Call x3-4948 (F-IXIT) anytime for problems, from electrical failure to floods.



# Outside Phone Numbers

## Telephone Numbers

Access Line	661-3900
Ambulance Service	424-4073
	338-1212
American Automobile Association	738-6900
Ask the Globe	929-2990
Better Business Bureau	482-9151
	492-9190
Boston Arts Line (Recording)	261-1660
Call for Action (WBZ)	787-2300
Cambridge City Hall	876-6800
Cambridge Hospital	354-2020
Dental Emergency	726-2000
Dial-a-Prayer (Recording)	566-0125
(Recording)	524-3133
(Live)	523-6075
Fire Department (Cambridge)	876-0125
Emergency	876-5800
Jazz Hotline (Recording)	262-1300
Legal Aid Society (Boston)	227-0200
Legal Services (Cambridge)	492-5520
Lost and Found (Boston)	722-4100 x253
(MBTA)	722-5716
(Boston Police)	536-6700
Mayor's Consumers' Council	725-4000
MBTA Information	722-5657
	722-5700
MIT Switchboard	253-1000
Emergency Closings	253-SNOW
Information	253-4795
Police (Cambridge)	868-3400
Emergency	911
Project Place	267-9150
Smithsonian Sky Report (Recording)	491-1497
Sports Scoreboard (Recording)	265-6600
Tell it to Joe (Boston Herald)	338-6550
Time and Temperature (Recording)	NER-VOUS
Voice of Audobon (Recording)	259-8805
Weather (Recording)	WEN-RAIN
	569-1773
Womens' Center	354-8807

# MIT Room and Phone Numbers

**MIT, 77 Mass. Ave., Cambridge, MA 02139**

**Telephone: (617) 253-1000**

For an explanation of the MIT phone system, see **Appendix 3.**

	<i>Room</i>	<i>dl</i>	<i>Ext.</i>
Athletic Department	W32		3-7946
Building Repair	E19-135		3-4948
Campus Patrol (CP)	W31-215	5-8191	3-2996
Cheney Room	3-310		3-4880
Child Care	4-144		3-1592
Committee on Academic Performance	10-191		3-4164
Concourse	35-433		3-3200
Dean for Student Affairs	5-104		3-4861
office (Counseling)			
Directory Assistance (MIT Op.)		0	0
Dormitory Desks and Faculty Residents			
Ashdown (Desk)	W1	191	3-2961
(Faculty Resident)			3-2968
Baker (Desk)	W7	161	3-3161
(Faculty Resident)			3-3168
Bexley (Manager)	W13	5-9680	3-4135
(Faculty Resident)			3-4138
Burton (Desk)	W51	141	3-3261
(Faculty Resident)			3-3261
East Campus (Desk)	62.64	171	3-2871
(Faculty Resident)			3-2868
Eastgate (Manager)	E55		3-7463
French House (Desk)	W70	5-7698	
(Faculty Resident)		5-7646	
German House (Desk)	W70	5-7697	
(Faculty Resident)		5-7675	
MacGregor (Desk)	W61	131	3-1461
(Faculty Resident)			3-1461
McCormick (Desk)	W4	151	3-5961
(Faculty Resident)			3-7808
New House (Manager)	W70		3-6563
(Faculty Resident)			3-6568
Russian House (Desk)	W70	5-7449	
(Faculty Resident)		5-7417	3-4774

*(continued on next page)*

# HoToGAMIT

Senior House (Desk)	E2,E3	121	3-3192
(Faculty Resident)			3-2858
Tang, Westgate (Manager)	W85		3-5063
Vardebedian House	W70	5-7598	
duPont Equipment Desk	W32		3-2914
Emergency Closings			3-SNOW
Experimental Study Group	24-612		3-7786
Faculty Club	E52		3-4896
Financial Aid Office	5-119		3-4971
Graduate School Office	3-136		3-4869
Graduate Student Council	50-110		3-2195
Harvard			186+
Housing Information	7-133		3-4051
Information Office	7-111	180	3-4795
Kosher Kitchen	50-005	5-6750	
LSC Information	W20-457	5-9179	3-3791
Libraries, Information	14S-200		3-5683
Medical Department (9am-5pm)	11		3-4481
(5pm-9am)	W5		3-4485
Placement Office	10-140		3-4733
Psychiatric Department	11-203		3-2916
Registrar's Office	E19-335		3-4784
Religious Counselors	W2a		3-2985
Student Accounts Office	E19-215		3-4133
Student Art Association	W20-429		3-7019
Student Center Committee (SCC)	W20-347	5-9187	3-3916
Student Center Manager	W20-343		3-3913
Student Employment	5-122		3-4973
Student Information Processing Board	39-200		3-7788
Student Loans			3-3344
Tech Coop	W20		197+71
Technology Community Association (TCA)	W20-450	5-9171	3-4885
Telephone Repair (Outside-611)	E19-741	181	3-3654
Time (Outside-NER-VOUS)		175	
24 Hour Coffeehouse	W20-249	5-9188	
Undergraduate Association (UA)	W20-401	5-9157	3-2696
Weather (Outside-WEN-RAIN)		125	
Wellesley			187+

*"You can't get God on the phone."*

*"You're telling me — I can't even get a dial tone."*

— Kelly



# MIT Geography

The MIT campus is quite compact and often confusing to navigate, with tunnels, passageways and cleverly-hidden hallways. If you're new to the place you could try walking around and getting lost once or twice just to get the hang of it, or you could get an overview by taking an Information Office tour. Tours are given at 10am and 2pm. For details, call the Office (7-111,x3-4795).

For the official explanation of the room and building numbering system, see the map on the next page.

## Doors

The doors to the following buildings are always unlocked: 7, 8, 16, 39, Student Center. Doors are usually kept open until midnight in buildings 8, 13, 15, 24, Kresge Auditorium and the Chapel. Other doors are generally open during working hours, from 8 to 5. Athletic facilities frequently deviate significantly from this norm.

## Bathrooms

A few guidelines for finding a bathroom quickly:

1. On the main corridor, lavatories are stacked vertically, men's above women's and vice versa. They normally occur at the junction of two buildings, for instance 3-101, which is a women's room.
2. In the other main buildings, a similar situation applies, with bathrooms occurring at the ends of buildings or just before (or after) a corner. Example: 1-101 is a men's room.
3. In the newer buildings, men's and women's rooms are usually close together and either centrally or peripherally located. The notable exception is Building 14 with men's rooms at the western end, women's rooms at the eastern end, and none on the first floor.
4. Check the corridors for water fountains. Where there is a fountain, a bathroom can't be far away.

## Vending Machines

All vending machines on campus, except some Coke machines, are run by Servend-Seiler (891-6200). If you have problems with a vending machine or need a refund, call their answering service at x3-5858. A small map of the Institute showing the locations of Coke and vending machines follows.

## Tunnels

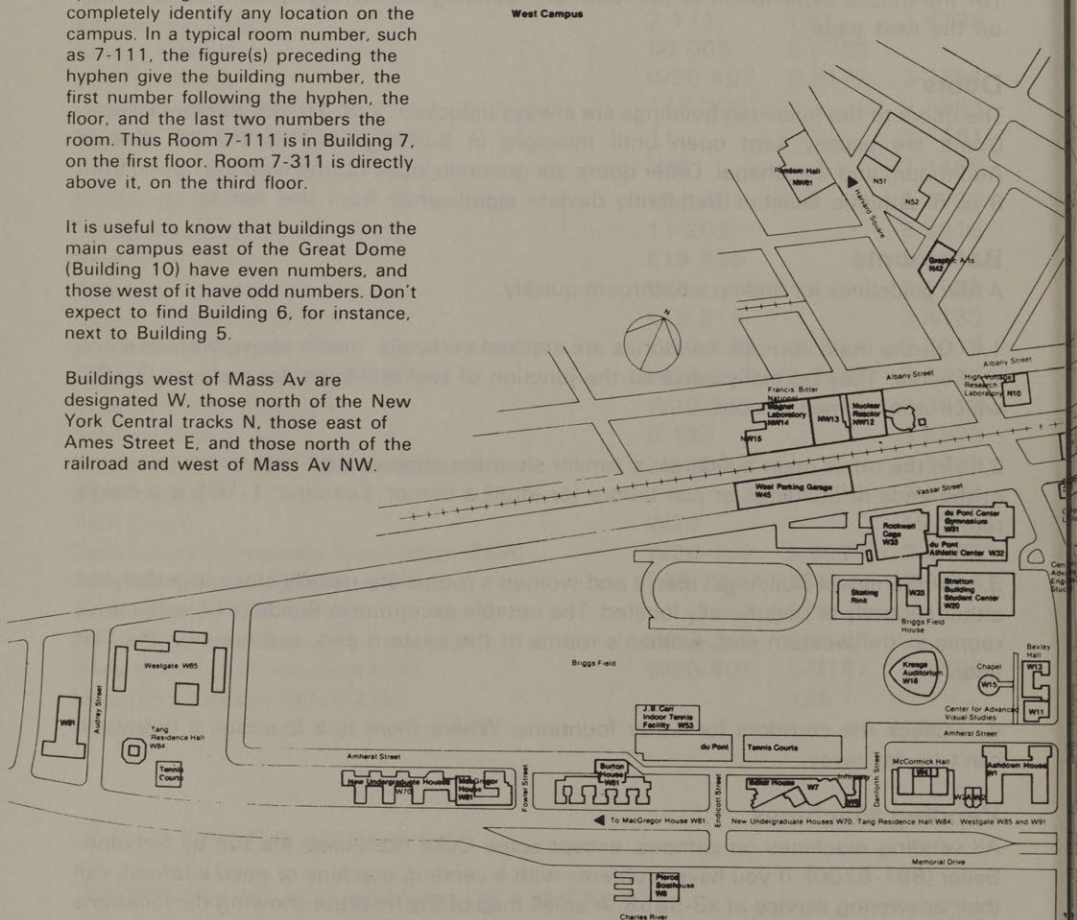
Significant tunnels run between buildings 9 and 13, among 14, 18, 54, and 56, and between the parallels of East Campus.

# HoToGAMIT

The numbers on this map refer to MIT's building numbers. Under this numbering system, a single room number serves to completely identify any location on the campus. In a typical room number, such as 7-111, the figure(s) preceding the hyphen give the building number, the first number following the hyphen, the floor, and the last two numbers the room. Thus Room 7-111 is in Building 7, on the first floor. Room 7-311 is directly above it, on the third floor.

It is useful to know that buildings on the main campus east of the Great Dome (Building 10) have even numbers, and those west of it have odd numbers. Don't expect to find Building 6, for instance, next to Building 5.

Buildings west of Mass Av are designated W, those north of the New York Central tracks N, those east of Ames Street E, and those north of the railroad and west of Mass Av NW.



# Contents

## East Campus





Coke and Vending Machines at MIT

- Key: \* Vending Machine  
● Coke Machine

Machines are generally in basement.  
Otherwise, check first and second floors.





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# General Information Resources

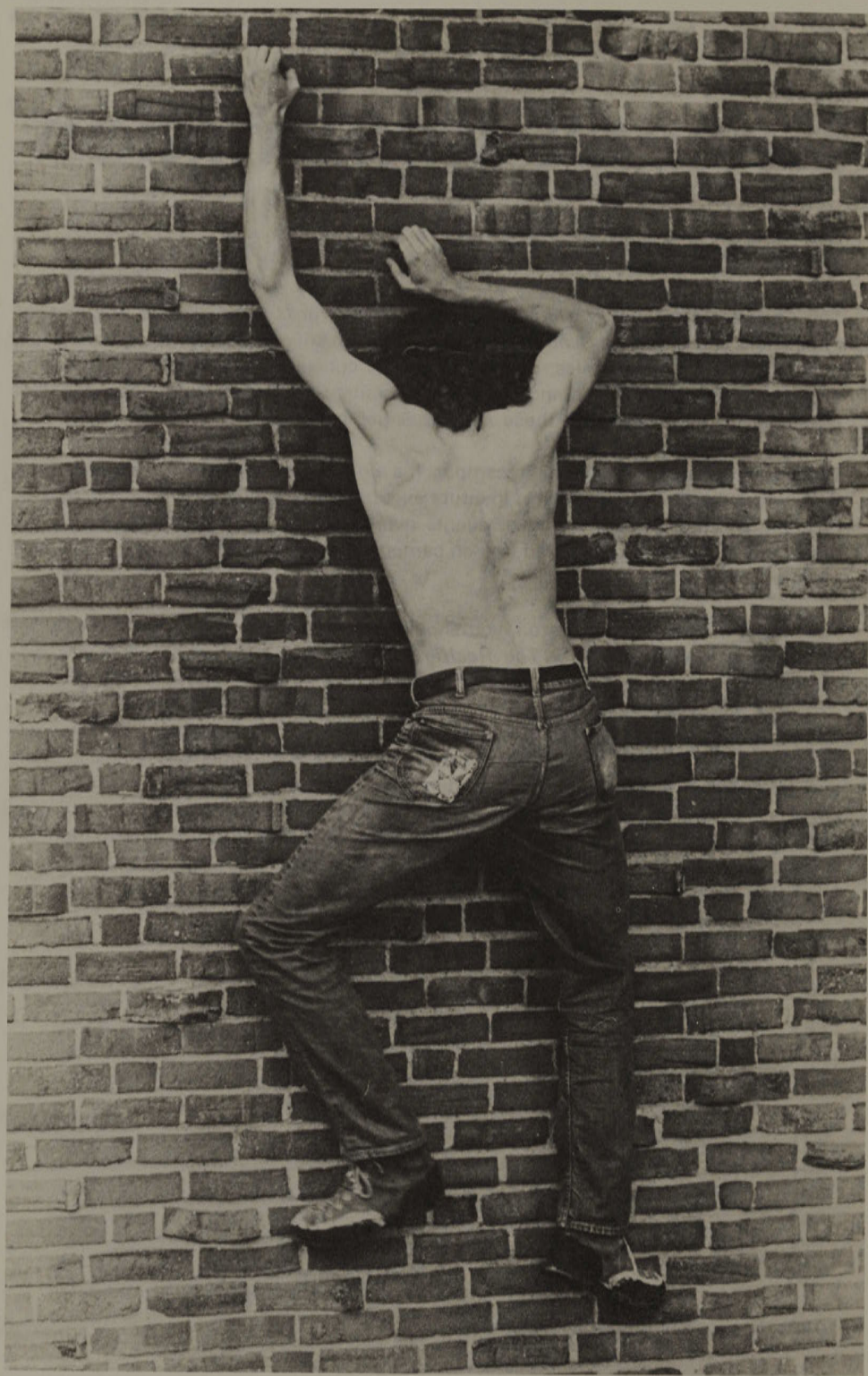
The *General Catalogue*, *Freshman Handbook*, *Guide for Undergraduates and Faculty Counselors* and *Graduate School Manual* are the best sources of detailed, official information about MIT academics. Employees should consult *You and MIT* for a detailed explanation of general rules and employee benefits. Check **MIT Publications** in **Appendix 7** for information on these and other publications.

To keep up with current events on campus, it's a good idea to read *The Tech* and *Tech Talk* (which contains a calendar of Institute events). Don't neglect *monday/thursday* or *Ergo* either; they sometimes cover events overlooked by the other publications. All these newspapers are distributed free on campus, and some are available by mail subscription.

For events in and around Boston, you should read the *Globe*, the *Herald-American*, *The Boston Phoenix/BAD*, or *The Real/Free Paper*. The latter two, which are distributed free on campus, have excellent coverage of cultural events.

The *Institute Directory* yellow pages lists most offices, deans, committees and administrative personnel. The *Student Directory* has listings of student activities, in addition to students' phone numbers and addresses. If these fail you, try the Information Office (7-111,x3-4795) for information on students, MIT information (dial "O") for listings of faculty and staff, or Personnel Records (x3-4255) for information on secretaries and other employees. The MIT Womens' League (10-342,x3-3656) has information on faculty and professional staff members, as well as their families.







# Help

Some time during your stay at MIT, you will come across a problem that requires help. The Institute and the Boston area can provide numerous places to go and people to talk to when things go badly or merely aren't going at all. Some interesting folks in the counseling business (e.g. deans, doctors, clergymen) are described below.

## Counseling

### Dean's Office

The Deans for Student Affairs have extensive knowledge of both the Institute and student problems. They can direct you to resources, relay comments or complaints to the appropriate people, or initiate exploration (and sometimes change) of established policies on your behalf. Dr. Carola Eisenberg is in charge of the DSA Office, and oversees the entire operation.

All of the deans are willing to talk with students. That's their job. The list below includes the administrative duties of the individual deans. Feel free to talk with any of them, though you are likely to get greater satisfaction from a dean whose duties or interests match your problem.

DEAN	DUTIES	ROOM, PHONE
Bishop	Counseling	5-104, 3-4861
Browning	Housing	7-133, 3-4051
Büttner	FAC	7-103, 3-6771
Eisenberg	DSA Administration and Policy	7-133, 3-6776
Halfman	ESG, Foreign Study	7-141, 3-6786
Holden	Student Activities, Facilities Scheduling, Transfer Students	7-101, 3-6774
Hope	Counseling, Minority Affairs	5-104, 3-4861
Haupt	Pre-Med, Pre-Law, Pre-Education	10-186, 3-4158
Kellerman	FAC, Undergraduate Seminars	7-105, 3-6771
Seelinger	Faculty-Graduate Residents Program	7-133, 3-4051
Thompson	Counseling	5-104, 3-4861

The Counseling Section of the Dean's Office is not only a place to go when you're having some problems, but also an excellent place to start with nearly all of your questions, plans, ideas, concerns, and projects. The staff and secretaries know a tremendous amount about MIT and students. By speaking first with a secretary, you will probably save a lot of running around as you attempt to get the right answer or to locate the right person.

Under some circumstances, you certainly ought to talk to one of the deans. They are

very experienced in helping students with their academic, personal, legal, emotional, family, social, and financial problems. The DSA handles withdrawals, readmissions, excused absences from final examinations, light registration loads, and numerous other administrative issues for students. Since the deans meet regularly with the Committee on Academic Performance, it may be advantageous to talk to them about any petitions or other matters concerning you that would be before the Committee. One of the deans can help the Committee to understand your petition and the issues behind it.

*You slowly learn that you've wasted a lot of time waiting for people to come to you while they were waiting for you to come to them.*

— A student

### Psychiatrists

The Institute psychiatrists (12-127,x3-2916) are very good people to talk to. In addition to strictly psychiatric work, most of them have one or more ongoing projects in the MIT community. Whether you have problems (*any* problems), opinions on some subject, an idea you want to run up a flagpole, or just want to see what makes them tick, invite one to your living group for dinner, or go see them.

There are about twelve doctors on the staff, and as with the deans, your best bet in selecting a particular one is to match your problem to his or her interests. If you really need someone to talk to immediately, you can almost always find a psychiatrist who can give you several minutes between appointments.

**Note 1:** Most of the people who consult the psychiatric staff are psychologically indistinguishable from the general MIT population, and can *in no way* be classified as sick or disturbed. If some problem is bothering you, even if it is identical with those that everyone else faces, don't hesitate to visit the psychiatric staff. They can keep small difficulties from becoming larger, or merely facilitate the solving of problems you could have solved yourself. Any stigma attached to visiting them is entirely your own creation.

**Note 2:** Psychiatric records are kept separate from all others, including regular Medical Department records. The system devised to maintain their confidentiality is extremely good. Only the psychiatric staff can use them; not Wiesner, not the FBI, not the CIA, not *anybody*. They are totally destroyed after five years of noncontact — you never even visited there. This system protects patient and doctor alike.

**Note 3:** If for any reason you don't hit it off with the doctor you get (unless you make a specific request, you're assigned from a rotating schedule), you can switch without apology or explanation. Nobody will look askance.

### Social Workers

Mrs. Jacqueline Buck and Mrs. Myra Rodrigues (2nd floor Medical Department, Bldg. 11, x3-4911), social workers in residence, are good at mobilizing and integrating the resources available for solving problems concerning interpersonal relations. They can suggest and contact agencies that provide money for major expenses, pregnancy counseling, or advise on dealing with runaways. They specialize in helping foreign students (and their families) adjust to living in the United States.



## Religious Counselors

Religious Counselors are warm and friendly people who can help you view your problems from a different angle. A number of faiths maintain full time clergymen on campus, at the Religious Counselors' building (W2,312 Memorial Dr). Adherents of other faiths can usually find clergy in the Boston Area. See **Religion** in the **Groups** chapter for more information

The following religious groups maintain clergy on campus:

Christian Science	Ann Harkless	x3-2327
Episcopalian	John Crocker	x3-2983
Jewish	Danny Shevitz	x3-2982
Lutheran	Constance Parvey	x3-2325
Protestant United Ministry	Larry Hill	x3-2327
Roman Catholic	Robert Moran	x3-2981
Vedanta Society	Swami Sarvagatanada	536-5320

*"No Smoking. As long as the computers in this room cooperate, please do so also."*

— sign on a PDP-6

## Drug Counseling

Drug counseling is available in complete confidentiality from the psychiatrists (especially Drs. Koumans and Brenner, x3-2916), and the Deans office. Technical reports on drug safety are available in the Science Library. Legal questions can often be answered by Campus Patrol (W31, x3-2996). Massachusetts laws can be very stiff.

## If Things Go Badly

a) **Bad reactions:** In an emergency, call the Infirmary at x3-4485 — the psychiatrist on call will come over if possible. *Make sure the person in trouble is never left alone — it may save his/her life.*

Overnight care may be given at the infirmary without formal hospitalization. All information is completely confidential — bummers don't even go into normal medical records. Campus Patrol will provide help (restraint, transportation, reassurance) if called (x3-2996).

b) **Addiction:** Don't worry about legal penalties. The addiction is penalty enough. See the psychiatrists, break the habit. Remember that psychiatric records are completely confidential.

*Seal: "Mens et Manus" Mind and Hand. The altar is surmounted by the lamp of learning.*

*In the Institute lamp of learning  
Ever wonder what they're burning?*

## MIT Medical Services

All MIT students and most employees are covered by MIT health programs. These programs include the MIT Student Health Program and several employee benefit plans.



## HoToGAMIT

Employees should contact their supervisor for details of coverage. Under the student plan, most services are provided free of charge by the MIT Medical Department. Some services, including optometric and dental care, are on a fee-for-service basis. Some people still prefer outside medical care to MIT's. Local clinics and hospitals are listed later in the chapter.

The MIT Medical Department (Bldg 11, x3-2972) is open weekdays 8:30am to 5:00pm except legal holidays. Emergency treatment at all other times is available at the Homberg Infirmary (Bldg W5, on Memorial Drive between Baker and McCormick, x3-4485). Infirmary visiting hours are 9am to 9pm. On-campus ambulance service is provided by Campus Patrol (dial 100).

Services provided by the Medical Department (Bldg 11, except where noted) include:

Emergency and general care	x3-4481
Allergy (8:30am-noon, 2pm-4pm)	x3-4481
Dentistry (bldg W5)	x3-1501
Dermatology	x3-4295
Gynecology	x3-1315
Neurology	x3-1681
Nutrition	x3-4351
Opthamology/Optomety	x3-4351
Orthopedics	x3-2974
Otolaryngology (ears, nose, throat)	x3-4295
Pap Smear Clinic	x3-4481
Pediatrics (bldg W5)	x3-1505
Physical Exams	x3-4481
(for examinations requiring doctor to fill out a form)	x3-4295
Psychiatry	x3-2916
Social Work	x3-4911
Surgery	x3-4481
Urology	x3-4481

MIT's Homberg Infirmary is operated by the Medical Department for the benefit of students, employees, and their spouses. Children are not admitted.

The Pediatric Clinic, staffed by two pediatricians and a pediatric nurse practitioner, is available to children of faculty, staff, employees, and students. Visits are on a fee-for-service basis and include well-baby exams.

The Dental Clinic is open only to students and their spouses. Others in the community will be seen only for emergencies. This service will make referrals to qualified outside dentists and dental specialists

### Notes:

1. To see a doctor, you must have an appointment. For relatively quick treatment, see a nurse on the first floor of Building 11. Appointments can be made by calling x3-4485, calling the office of the specialist desired (see above), or dropping by the Medical Department in building 11.

2. Doctors are fallible human beings, and Medical Department doctors are no excep-

tion. They sometimes screw up, and almost never admit mistakes.

3. The medical department loves to give out drug "starter packages." Don't use these drugs if you don't have to. After starter packages run out, you must buy your own drugs, unless you can convince your doctor that you can't afford to.
4. There is a fee of \$10 if you miss an appointment without cancelling.
5. If you saw a doctor once, were comfortable dealing with that doctor, and have a similar problem, remember his/her name and go back to the same person. You may benefit from the doctor's knowledge of your medical history.
6. Serious complaints about the MIT Medical Department should be brought to the attention of the Medical Department Advisory Board, headed by Prof. Louis Smullin. (x3-2502).

## Medical Insurance

Medical services, except for dental and optometric work, are free to MIT students. This is covered by the compulsory student health fee. Student spouses may pay for service as used or may opt for the same plan as their wife/husband for the same fee of \$160 per year.

Students and their wives/husbands may also purchase insurance for outside hospitalization. The cost for a single student is \$95 for twelve months, beginning Sept 1, 1976. Additional coverage is also available for student spouses at a cost of \$199 per year, which includes a \$500 maternity benefit. Coverage for one or more children is offered for \$84 per year. As it presently stands, women can save money by not being married; the maternity benefit applies regardless.

If you are trying to decide whether to buy the optional health and accident policy offered by MIT, compare the benefits with family policies by which you are covered. Acting Head of the MIT Medical Department Dr. Melvin Rodman, 3-4487, considers the MIT benefits the *minimum* you should have to cover reasonably expected medical expenses. Questions regarding any facet of medical insurance can be directed to the Business Office of the Medical Department (x3-4371).

Faculty, staff, and employees are eligible for the MIT Health Plan which is a prepaid comprehensive program of medical care available to MIT employees and their families. Medical services for the MIT Health Plan are provided by the MIT Medical Department. Outside hospitalization, apart from emergency care, is provided at the Mt. Auburn and Cambridge Hospitals; hospitalization for obstetric and gynecological reasons is provided at the Boston Hospital for Women. The Plan membership is limited to 1450 subscribers and their families. There is generally a waiting list for new subscribers. If you are interested, you should call the MIT Health Plan Office at x3-1322. Other faculty, staff, and employee benefits should be discussed with the Employee Benefits Office (s3-4271).

## Blood Coverage

Any person attending or working at MIT, Draper, or Lincoln Labs can get unlimited free



blood for himself, children, spouse, brothers, sisters, parents, grandparents, and parents-in-law anywhere in the United States or Canada under the MIT-Red Cross coverage policy. Coverage can be requested by contacting the Medical Department (x3-4371). See also **Blood Drives** in the **Random** chapter.

*The reason that the beaver is the MIT mascot is that, while the beaver is the engineer of the animal world, the MIT student is the animal of the engineer world.*

## Non-MIT Medical Services

### Eye Clinics

**Massachusetts College of Optometry Clinic** (472CommonwealthAvBoston,536-4252). Optometry students give incredibly thorough eye examinations for \$9. Other services and doctors are available at comparably low prices.

**Massachusetts Eye and Ear Infirmary** (243CharlesStBoston,523-7900). Handles all aspects of eye, ear, nose and throat problems. Provides diagnosis and treatment. Has an emergency ward.

### Dental Clinics

**Forsyth Dental Center** (140TheFenwayBoston,262-5200,MBTA:ArborwayGreen Line). Teeth cleaning \$5 first session, \$3 afterwards. This is a teaching clinic where you can have either teachers or students work on you. All work is careful and well-supervised. All dental services are available.

**Boston University Medical Center** (see below).

**Tufts-New England Medical Center** (see below).

### Drug Clinics

**Cambridgeport Problem Center** (10MtAuburnStCambridge,661-1010). Headed by Dr. Joseph Brenner of MIT's psychiatry department, it provides free drug treatment. It is wise to call first.

### Emergency Clinics

**Bridge Over Troubled Waters** (1WalnutStBoston,227-7114). Free clinic providing medical, dental, and counseling services. A street survival clinic dealing largely with runaways.

### General Clinics

**Boston University Medical Center** (253EBerkeleyStBoston,247-5000). A teaching clinic offering less expensive medical and dental care.

**Tufts-New England Medical Center** (171HarrisonAvBoston,956-5000). Comprehensive medical and dental care. Diagnostic and referral services. Appointments within 24 hours for specific problems. Emergency care. Staffed by fourth-year medical students.



## Hospitals

**Children's Hospital** (300LongwoodAvBoston,734-6000). Usually patients up to age 21. General medical and surgical inpatient service, and extensive outpatient clinics. Handles everything from dental care to plastic surgery. 24-hour emergency service.

**Cambridge City Hospital** (1493CambridgeStCambridge,354-2020). Teaching hospital for Harvard Medical School, providing all types of surgical and diagnostic services. Appointment-only outpatient clinic. 24-hour emergency ward.

**Kennedy Memorial Hospital for Children** (50WarrenStBrighton,254-3800). All services through age 21. Extensive outpatient clinics, rehabilitation hospital for inpatients. 24-hour emergency ward.

**Mass. General Hospital** (CharlesStBoston,523-7900) Nearest hospital to MIT. General walk-in clinic Monday-Saturday, most clinics by appointment. Regular hospital facilities, 24-hour emergency care.

**Mount Auburn Hospital** (330MtAuburnSt,Cambridge,492-3500). General services, outpatient clinics, walk-ins accepted. 24-hour emergency care, specialists on call.

**Sancta Maria Hospital** (799ConcordAvCambridge,868-2200). General medical/surgical hospital. Extensive outpatient clinics. No maternity care. 24-hour emergency care.

## Sex

The MIT Medical Department has published an information booklet on sex and birth control called *Sex*. For copies check with the Department or the Dean for Student Affairs Office (7-133,x3-6776). Also, the Medical Department has several pamphlets dealing with special topics. Stop by and browse.

Community Sex Information (232-2335) is available 10am-4pm Monday-Thursday and 'til 9pm Tuesday and Wednesday. Calls may be completely anonymous, and trained counselors are ready to offer advice or information.

## Birth Control

Anybody connected with MIT can obtain contraceptive information, prescriptions, or devices from the Medical Department, regardless of age or marital status. As always, such matters are confidential between the patient and the physician.

## Pregnancy

If you suspect that you may be pregnant, see the Medical Department and arrange for a pregnancy test. The woman involved should see a doctor; with her partner if she wishes. She does not have to be an MIT student. If pregnancy is confirmed and you are considering terminating it, see a physician, a psychiatrist, and the social workers. Talk to the religious counselors if you think that will help. You can also speak with Planned Parenthood (93UnionStNewtonCenter,332-8750). Checking all available facilities is normally the best course. The Medical Department has excellent information on local pre-natal care facilities.

*Let's suppose a baby is a finite-state machine . . .*

— 6.544 class

## Abortion

*Never* opt for an illegal abortion — unless your like playing Russian Roulette with five cylinders loaded. The Supreme Court decision legalizing abortion during the first six months of pregnancy has eliminated the last shred of justification for illegal abortions. The social workers and Planned Parenthood can direct you to good legal abortions.

If the abortion leads to sudden financial troubles (\$300 and up), visit the counseling staff of the Deans' Office (5-104,x3-4861) or see Mmes. Buck and Rodrigues, the social workers.

## Venereal Disease

VD is presently at or near epidemic levels throughout much of the US. It is curable *if treated early*. If you suspect you have it, contact the Medical Department and get checked; lab tests are quick and accurate. If you do have it tell *all* your partners and have them tested. Remember, VD is often without early symptoms in the female, though it can have serious consequences for both sexes even years later.

*Don't be troubled if the temptation to give advice is irresistible. The ability to ignore it is universal.*

— Anonymous

# The Tech

Are people at home (parents, spouses, children) always asking you what happened at MIT lately? Why not let them find out for themselves—in *The Tech*. Have a copy of each issue mailed home, to keep them up to date on MIT. Just fill in the coupon below to start your subscription today.

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Name

Address

City  State  Zip Code



# Academics

*Getting an education from MIT is like trying to get a drink of water from a fire hose.*

— Anonymous

This chapter attempts to provide answers to a variety of questions dealing with Institute academics. Information is organized into seven sections: **Registration and Course Selection**, **Credit**, **Grades**, **Finals**, **Special Opportunities**, **Problems**, **Graduation and Degrees**, and **After Graduation**. Within each section, listings are alphabetical.

For more information, use the cross-reference to MIT Publications in **Appendix 7**. The most helpful publications include the *Freshman Handbook*, *The MIT Catalogue*, *Guide for Undergraduates and Faculty Counselors*, and *The Graduate School Manual*.

*I do not approve of anything that tampers with natural ignorance. Ignorance is like a delicate exotic fruit; touch it and the bloom is gone.*

— Oscar Wilde

Faculty committees make many decisions on academic policy. Committee membership lists are available in the catalog under "Standing Committees of the Faculty," and can be obtained from the Information Office (7-111).

- a) **Committee on Academic Performance (CAP)** handles most petitions, including those relating to pass/fail, dropping a course after the drop date, retroactive deadlines for finishing incompletes, and decisions on academic warnings. (10-191,x3-4164).
- b) **Committee on Educational Policy (CEP)** generally examines educational policy. It is chaired by the chairman of the faculty and makes recommendations on most things the faculty votes on; it is strongly influential. (6-123,x3-4501).
- c) **Committee on Graduate School Policy (CGSP)** is in charge of graduate courses and students. It helps the departments with graduate fellowships and scholarships. This committee does make policy recommendations to the faculty. Your department's representative will have more information; see him.
- d) **Committee on Curricula (COC)** handles requests for exemptions and substitutions in general Institute requirements. It also handles proposals for changing requirements. (E19-341,x3-4781).

Student members are chosen for these committees by the undergraduate and graduate student governments and nominations committees. For more information call the GSC (x3-2195) or the UA (x3-2696).



## Registration and Course Selection

### Courses, Choosing

The *Catalog* is a good place to start. Catalog descriptions, however, are frequently outdated or inaccurate, and can give no more than an incomplete description of a subject. The *Freshman Handbook* and the *Undergraduate Seminars Booklet* give some highly informative details on a number of popular freshman courses. Also of help is the *Course Evaluation Guide*, which is published by SCEP once or twice a year and is based on students' evaluations of their own class experiences.

Academic programs at MIT have a marked tendency to change with time. Subjects vary from year to year, sometimes disappearing (e.g. 6.084), but more often arising from nowhere (e.g. 18.902). Often these changes occur after Catalog publication, so check with your advisor to see if there are new and interesting offerings in your department.

When you've found something that looks attractive, talk to the instructor in charge and check with students who have already taken the course (upperclassmen are a great source of folk wisdom and firsthand knowledge). Be careful — both students and faculty tend to give *very* subjective reports on courses. Get a wide variety of opinions, and weigh the pluses and minuses in order to form the best opinion you can.

You might want to try out a course for a week or two before registering for it. Or you can overload and then drop what you find least desirable. **Remember:** you cannot advance-place anything that you have registered for, whether or not you have dropped it.

**Note:** You can often take graduate subjects as an undergrad if you get the instructor's permission. Graduates may take undergraduate courses in other departments, especially humanities, math, and other introductory subjects. Subjects marked U are occasionally applicable to an advanced degree — check with your department.

### Courses, Prerequisites

*Don't* believe what you read in the Catalog. The prerequisites are listed for obvious reasons, but if you have the background you can avoid them. All you need is the instructor's permission. Substituting a similar subject for the prerequisite will also usually suffice; your advisor can be helpful in this area.

### Department Changing

For undergraduates, changing one's major is trivial, though it becomes less so as graduation approaches. The Registrar's Office would enjoy receiving a Change of Course form, which may save you some hassles, but all you actually have to do is to get an advisor in your new department and have him start signing your registration forms at the beginning of the term. Contact your new advisor well in advance so that you can plan your schedule for the coming term with him/her.

For graduates the process is only slightly less difficult than transferring to another school. You will have to go through a complete application/screening by your new department, so consult your target department or the Graduate School Office.

*Let's change the problem, because that makes everything else you've done so far right.*

— 6.032 class

## Registration

Registration material can be picked up in Lobby 10 on certain pre-announced dates. Spring-term registration forms are given out in December, fall-term forms in May. If you miss the scheduled dates you can get the material at the Registrar's Office (E19-335). Or you can have your fall registration forms sent to your term address at the beginning of September, if you prefer to keep Institute academics out of mind during the summer months.

## Registration, Changing

To add or drop a subject before the respective deadline, submit a correction card ("drop card") to the Registrar's Office (E19-335) or the Information Office (7-111). Cards are available at both these offices and some departmental offices; deans and student advisors can sometimes supply them. The card needs your advisor's signature. If you are adding a course after the first week, you also need the instructor's signature. A course dropped within the first five weeks of the term will be entirely erased from your records; a drop after five weeks will appear on the internal transcript.

After the drop date (eleven weeks from the start of the term), you must petition the Committee on Academic Performance if you want to drop a subject. The CAP has outlined adequate reasons for dropping a subject late as unforeseen circumstances beyond the student's control. The fact that you are failing, by itself, is not enough to get you off the hook. Exceptions to this policy *are* occasionally made; check with Jane Dickson (10-191) to see what your chances are.

A course cannot be added after the fifth week of the term. Under unusual circumstances, a petition may be presented to the CAP, but almost the only instance in which the petition will be approved is in the case where a course began after the normal start of the semester. In this case, the professor of the course involved must attest to the fact that the course did indeed start late.

If you wish to change from listener to regular status, or change a junior/senior pass-fail option subject, notify the Registrar's Office before the fifth week of the term. Afterwards, you must petition the CAP.

Whenever and whatever you petition, do your best to convince your advisor — his recommendation carries significant weight.

**Note:** The Registrar sends out status of registration forms after you register and also after receiving a correction card. If the Registrar's Office screws up and registers you incorrectly, it is *your* responsibility to correct it. The CAP feels that failing to change your registration within a reasonable period of time after receiving an incorrect status form is not grounds to grant a petition even if the error was not noticed (as in not looking at it). Likewise, the fact that you have been taking a course and doing all the work is not sufficient reason to add it after the add date. Graduate and summer students, be especially wary — an error in the Registrar's records can result in your being billed incorrectly, since you must pay tuition on a pro-rata basis for the time you are registered in a course.



## Schedule Problems

If you have two or more conflicting subjects scheduled, check with the Schedules Office (E19-338,x3-4788). If you can't get into a different section, you'll have to go to half of the classes in each subject. Dropping one of the courses and waiting until the next term may be the best solution. Discuss the problem with each one of the instructors.

The schedule given on your schedule card is taken from the master list given in your registration booklet. You can change your schedule by simply going to a different class and turning in your roll card to that instructor, except in humanities and physics, where departmental headquarters approval is needed.

## Credit

### Advanced Standing

Getting credit for course material you already know is not difficult. For many subjects, all that is needed is a passing grade on an Advanced Standing exam; others may require additional work. See the instructor and your advisor for details. Incoming students should contact the Admissions Office (3-108,x3-4791).

Tests are offered in March, May, September, October, and December. You must file a petition with the Registrar three weeks before the exam period begins, and get the course instructors approval. The grade you receive (even if failing) will be placed on your transcript, but will not be counted into your cum.

If you have any thoughts about advance-placing a course, *don't* register for it — not even as a listener. Registration in a subject automatically prevents you from taking the Advanced Standing exam; this is independent of whether or not you remained registered or actually did attend classes.

Grad students seeking advanced-placement credit generally make informal arrangements with the instructor and department rather than take an exam. Most departments allow you to use some subjects taken at other schools to fulfill graduate degree course requirements, the minor requirement, or the language requirement.

### IAP, Credit for

If you want academic credit for work done during IAP, you are limited to 6 units unless prior approval is obtained from the head of the department in which the subject is being taught. Subjects should be taken under a regular subject number. Grading is pass/no credit, although letter grades can be assigned for regular subjects taken in intensive form. Getting credit requires making arrangements with the instructor prior to starting work, since regular registration procedures do not apply.

### Listening

There are two ways to sit in on a subject: one is to get permission to sit in on a class and learn informally; the second is to register officially to listen to a class. If you do register to listen, you will not be allowed to advance place the course later on. For the summer term, listening and regular tuition are the same. This also applies if you pay for tuition on a per-unit basis. It is possible to change status to a regular student during the term. See your advisor for the necessary paperwork.



*If you're not going to listen, just go to sleep quietly.*

— D.P.D.

## Transferring Credit

It is possible to receive MIT credit for work done at other institutions. If an exact MIT equivalent exists, fill out a Request for Additional Credit form and get the MIT instructor's approval; you will receive your credit plus a recorded grade of "S." If no equivalent exists here, see the most closely-related MIT department. Any questions about the granting of credit should be directed to the Director of Advanced Placement in the Admissions Office.

Graduate-level subjects completed satisfactorily at other universities may be accepted toward requirements for an advanced degree, but do not contribute to the residency requirement. If the subject has an MIT equivalent, submit an Additional Credit sheet; if not, you must petition. Courses taken by a former Special Student may be used later in partial fulfillment of requirements for a graduate degree. In either case, the Registration Officer should indicate the amount of (A) or other credit accepted.

## Grades

### Changing Grades

**Subjects:** If you feel a grade is unfair, talk to the instructor. The CAP is willing to act as an intermediary in case of disagreements, but will not override the instructor's decision. The instructor must fill out a Special Report Sheet and send it to the Registrar before the grade change can officially take place. All such changes, including making up I's and OX's, must be done before you get your degree.

**Course work:** Problem sets, quizzes and exams are often marked by TA's or graders. Therefore, if you have any question about the accuracy of a mark, talk with the instructor; normally he/she will be quite willing to see your side of it.

## Incompletes

Incompletes must be made up by the end of the fifth week of the next term, whether or not you register for that term. After that time, if the faculty member involved is willing to make an extension, the work must be made up by the end of that semester. Further extensions required a petition to the CAP and are approved only under special circumstances (for instance, if the facilities you needed were not available that term). Incompletes not completed remain Incompletes; they are not computed into your cum.

It is a good idea to ask your professor ahead of time for an Incomplete, explain the reasons for it, and tell him when you plan to finish the subject. (If he is not going to give you an Incomplete, it is better to know before the term ends). Many professors will go out of their way to be accommodating even to the point of calling you up to see if you are still working on the incomplete; others will screw you to the wall.

*The one saving grace is that no one else has the time to do what they're supposed to do either.*

— JN

## Pass/Fail

Pass/fail grading is generally available only to freshmen, to students in the Concourse,

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ESG, or UROP programs, and to juniors and seniors exercising their pass-fail option (see below). An instructor may petition the CAP to have his entire subject made pass/fail, but cannot allow individual students to take the course pass/fail unless one of the above options applies to them.

The Junior-Senior option allows the student to designate two subjects pass/fail in his last four terms. The subjects cannot be Institute or departmental requirements, and cannot exceed one per term. See **Registration, Changing** for rules and regulations regarding deadlines.

Occasionally instructors give hidden grades to students on pass/fail. The Math, Physics, and Chemistry departments do keep some records of how freshmen did on quizzes, problem sets, etc. It is rumored that these are used by professors when writing recommendations and evaluating potential undergraduate tutors, but do not have any official existence. You *can* have them released to graduate schools, however, but only upon your explicit request.

### Transcripts

The Registrar's Office will make copies of your transcript for \$1.00 each. Keep in mind that it will take a while to get them prepared. Payment can be made at the Cashier's Office (10-180) or at E19-225. Requests for transcripts must be made by the student in writing; no request from a graduate school or anyone else is honored without the student's approval.

*There's less to this than meets the eye.*

— Tallulah Bankhead

## Finals

### Conflicting Finals

Few students have conflicting finals. If you do, then discuss the problem with your instructors. One of them might see if you could take an early final at a special time, or have the exam delayed. See the Registrar's instructions on your exam schedule.

### Exams Before Finals

No written exams may be given in a course with a final exam during the week prior to exam week. No more than one written exam of not over one hour in length (except in lab and drafting courses) may be given in that week in a course without a final exam. If an instructor schedules an exam which is in conflict with the above rules, talk to the professor or petition the CAP. The CAP is more than willing to be helpful in such cases.

### Finding Finals

Call the undergraduate or departmental headquarters in question if you forgot (or never found out) where your final is supposed to be. They will know the correct room number for different sections. Also, the Information Office (7-111,x3-4795) has schedules and information on final exams. If you will be more than 45 minutes late, you must get permission from the DSA (5-104,x3-4861) to enter the exam room.

### Inability to Take a Final

**Undergrads:** Go to the DSA Office (5-104) and explain the circumstances which



prevent your taking the exam (a personal visit is strongly preferred to a telephone request). If your reason is accepted as valid, the Dean's Office will issue a grade of OX. This grade can apply only if the instructor has issued an O (absent from final with passing work up to that time).

If your excuse is not accepted, the O remains as such on your record — it is equivalent to an F.

A postponed final must be taken at a certain time early in the next semester. This means that if you missed a second-term final, you must retain all your knowledge of the course all through the summer and through part of the fall term. So it might be better to take the final on time even if you are ill.

**Caution:** If you had been doing failing work throughout much of the term, the instructor still has the right to give you an F instead of an O.

**Grads:** Go to your instructor and talk to him/her. Also, you can check with the Graduate Office (3-136,x3-4868).

If you go to pieces or otherwise fail to perform maximally on finals, talk with your instructor beforehand; afterwards plead for an incomplete.

*This exam is intended to be instructive. Consequently it is sometimes the case that part of the problem is to figure out what the problem is.*

— Directions for 6.034 exam

## Special Opportunities

### Co-op

Five Courses (II,III,VI,XIII,XVI) currently have organized cooperative study plans with industry. The tuition is the same as for regular students. Check at course headquarters and the Registrar's Office for details.

### Cross-Registration, Graduate

MIT has cross-registration programs with the following schools:

<i>School</i>	<i>MIT Coordinator</i>
Harvard	Dean. Blackmer 20D-204, x3-3452
Wellesley	Jane Sauer 7-108, x3-1668
Woods Hole Oceanographic Institution	Biology, Ocean Eng., Earth and Planetary Sciences, and Meteorology
Brandeis (Social Welfare)	Prof. John Howard x3-7333, x3-4408
Tufts (Dental School)	Nutrition and Food Science
Boston University (African Studies)	Economics and Political Science

Most of these programs are very limited (e.g. with Brandeis, only course XI grad students may cross-register), but don't let this stop you. Build a good case for yourself, convince your advisor of its merit and you at least have a chance. With perseverance and careful planning, things can go the way you want them to. More information is available in the Graduate Student Manual and from your registration officer.

### Cross Registration at Harvard, Undergraduate

This program is open to a small number of juniors and seniors with cums of 4.0 or



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better. If you really want to take a course, apply anyway, even if you're a sophomore — you might get in. The course at Harvard preferably should not have an MIT equivalent. Dean. Blackmer (20D-204,x3-3452) is the MIT coordinator for undergrads. He has the Harvard catalogs, as does the Harvard University Information Center at Holyoke Center in Harvard Square.

Harvard's deadline for registration falls about two weeks after MIT's registration day. Their calendar is different from MIT's; first term finals are in January, and second term finals are in late May and early June. Be sure you will be around during their finals week.

### Cross Registration at Wellesley, Undergraduate

The Wellesley-MIT Exchange Guide describes the exchange; it and applications are available from the Information Office (7-111) and the Exchange Office (7-108) a few weeks before each term's deadline. The Information Office also has Wellesley catalogs and calendars. Fall term applications are accepted in May, and spring term applications in January. Late applications are frowned upon, but sometimes accepted if the course isn't overcrowded. It is easy to switch subjects just before the term starts if you change your mind and want to take a different one.

If you're unsure about prerequisites, the meaning of "limited enrollment", or anything else, call the Wellesley instructor. The MIT-Wellesley tieline is 187+ the Wellesley extension. Wellesley information is x187-241.

Check with the MIT faculty coordinators listed in the Guide. They can tell you about the use of Wellesley subjects to satisfy Institute requirements and the technicalities involved (e.g. special signatures on the registration form). The Guide also has information on such things as bus schedules and meals (Cross-registered MIT students on commons can eat in Wellesley commons.)

Jane Sauer (7-108,x3-1668) is the general coordinator for the exchange. Check the exchange bulletin board in Building 7 for bus schedules, and other Wellesley information.

For more information, see **Wellesley** in the Appendices.

### Domestic Year Away

You can spend a year studying at another college in the United States provided that certain conditions are met. The school you want to attend must accept you and be of "established merit" and your department must certify that the school has unique resources unavailable at MIT, Wellesley, or Harvard. Your program of study there should involve a workload comparable to MIT's, and its objectives must be consistent with your overall MIT degree program. You won't have to reapply to MIT to get back in. There is a possibility of financial aid, especially if MIT has already given you some. Check with the Foreign Study Office (7-108,x3-5243). Also look at the college catalogs in the Placement Office (10-140) or on the second floor of the Humanities Library for more information.

### Foreign Study

If you are interested in studying abroad you should start to plan as soon as possible. Junior Year Abroad is generally the easiest way to go. Contact Dean Robert Halfman (7-141,x3-6786) or the Foreign Study Office (7-108,x3-5243) for assistance in

organizing your objectives and plan of study. Supposedly, JYA costs no more than MIT and you can still get financial aid. In addition, student status and dorm priority are generally unaffected.

The opportunities for foreign graduate study are greater. The Placement Office (10-140) has some reference materials. The Foreign Study Office also has information on DAAD, Churchill, Fulbright-Hays, Marshall, and other foreign scholarships.

### Inventing Your Own Course

New courses have been invented in the past. A strong commitment and faculty backing are essential. If you want to start a course on a more informal level, see the ESP office (W20-467,x3-4882). (ESP also provides an organization for teaching Saturday courses to high school students.) Starting an IAP course is much easier and can be done through the department.

*Two truisms: a)  $1 > 0$ . If you don't start things moving, they won't move. b)  $N + 1 > N$ . The more people you have with you, the more effective you will be.*

### Special Projects

If you have an idea you want to work on, or something you want to study, you can frequently get Institute backing. You may even be able to get credit or satisfy Institute requirements while doing your own thing. Petitions for academic credit go to the COC.

First, dig up an idea (Example: writing a guidebook for the MIT community; that's how this book got started). Several established ways of doing so are:

1. Find a professor you want to work with and ask him/her for project ideas. Most faculty have lots of ideas which they themselves don't have time to work on.
2. Ask at department headquarters/graduate offices for references on current research.
3. Drop in on a lab you're interested in and ask someone about what's going on. In most cases, you'll get an enormously thorough description; people are very willing to talk about their work.
4. Check with the UROP office (20B-141,x3-5049) or check their bulletin board in the main corridor for current research offerings. Although most projects take place on campus, it is also possible to have an off-campus project at hospitals, corporations, non-profit organizations, or government agencies. See the UROP booklet for more ideas and for the rules and regulations regarding project work.

Second, find a way to do your own thing. A few suggestions are:

1. Register for a "projects" or "special problems" subject in your (or any other) department. The best types are those with credit "to be arranged." You must find a faculty sponsor. If the project works out well, you can do a careful write up and petition to make it your thesis.
2. Try to make your project a part-time job with a professor. Or try to make it a summer job, possibly by getting hold of grant money. Consult your advisor or department



head for suggestions on how to go about it.

3. See UROP (20B-141). They pride themselves on being helpful.
4. Check with the interdepartmental labs. A fairly thorough listing is in the Catalog.

Whatever your idea, if you're really interested in pursuing it you should be able to find help and sponsorship somewhere in the Institute. If at first you don't succeed, keep trying; there are plenty of places to go for advice. The person who turned you down may change his mind and offer his services the next month.

*Adversity causes some men to break; it causes other men to break records.*

— Anonymous

### Special Students

Special students, by definition, are not considered to be working toward a degree. Special students pay tuition based upon the number of units they're taking, and must be readmitted each term. They usually are not eligible for financial aid, campus housing, or cross registration. Subjects taken while a special student can be used toward a degree if the student is subsequently admitted as a regular student. Contact the counseling deans (5-104) if you're thinking of changing your status.

### Summer Session

The summer session is open to all students. The summer catalog is issued in March and is available at the Information Office (7-111). Old summer catalogs can be found in the MIT section of the Student Center Library. Tuition is paid on a per-unit basis, although minimum and maximum rates exist. Regular students should check with the Registrar's Office (E19-335); Special Students should contact the Admissions Office (3-108).

The number of courses offered in the summer is limited, but it usually includes some large freshman and sophomore courses such as 8.02, 6.011, and 18.03. Plenty of research goes on in the summer — check with your department about ongoing projects which you might find attractive.

*Education — That which discloses to the wise and disguises from the foolish their lack of understanding.*

— Ambrose Bierce

### Reduced Loads

Regular students planning to take a reduced load for a term should get approval from their advisors and a counseling dean (5-104). The CAP will take your planning into consideration at its end-of-term grade meetings and will not take action based solely on the fact that your credit for the term is low. There is also the possibility of saving money by paying tuition on a per-unit basis, while still being considered a regular student.

### Undesignated Sophomore Status

Dean Halfman handles problems with red tape, becoming undesignated, designating a major, and selecting or changing advisors. He can often help with problems of course



and career selection. You can find him in the Undesignated Sophomore Office (7-141,x3-6786).

*Nothing will ever be attempted if all possible objections must first be overcome.*

— Samuel Johnson

## Problems

### Courses, Commenting on/Complaining about

If you have any problems at all, whether they concern problem set difficulties or room temperature, talk to the instructor. He wants feedback (in most cases) and will react favorably to the simple fact that you have gotten off your tail and said something — even if it is critical. Just do things tactfully and you will be surprised at how well received you'll be.

If that doesn't work, try your advisor or other faculty members in the appropriate department. Go straight to the department head if necessary. Try the deans, especially the counseling staff (5-104,x3-4861); they are all experienced in dealing with classroom complaints.

Don't worry that your comments might be too trivial to waste someone's time with. If something bugs you, it probably bugs other people too. If you're sufficiently interested to start poking around for some help, you're more than likely doing several people a favor by sparing them the trouble. If you're really unsure, sound out another student, a dean or random faculty and see what happens. Normally all you have to do is ask.

Individual initiative is probably the best thing you have going for you at any given time. It is easy to be cowed (consciously or subconsciously) by the power and impersonality (??) of the Institute. Succeeding at MIT involves an element of gentle aggressiveness, and the more often you apply it, the better and more interesting your education will be.

### Course Problems

If you really don't like your professor, go to departmental headquarters and explain why you would rather be in another section. Don't use the negative approach; instead, explain why another section would be better for you. If there is only one section, you can drop the course (and wait for next term), or grin and bear it. Not going to class is another possibility, but this usually makes it a little tougher to learn the course.

If your problems involve the course material, you have several paths available to you. Tutorials (if they exist) provide personalized help — it's best to attend them throughout the term and avoid the crowded cram sessions on the day before an exam. Your TA might also be able to arrange a help session. Faculty and students in your living group may have taken the course in question; they might have old quizzes and homework, as well as an understanding of the material.

Freshmen whose problems are caused by a weak background in math can try the MITHELP program; see the FAC (7-103) for information.

*A lecture is the process by which the notes of the lecturer become the notes of the students without passing through the minds of either.*

— Anonymous

## Department, Complaints/Suggestions

Your advisor, as with most other matters, is the first person to turn to. Other natural choices are the department head and other professors within the department. The department's feedback committee, if it exists, can also prove useful. Other resources include the local Course Society, the Executive Officer, or even the secretaries at Headquarters. (These last offer information rather than brute-force pull. However, that information may prove invaluable, and often is unavailable elsewhere.) The counseling deans (5-104,106,108,x3-4861) have no formal departmental connections, but can give good advice.

*There are no foolish questions, and no man becomes a fool until he has stopped asking questions.*

— Charles P. Steinmetz

## Freshman Troubles

**Complaining about your advisor:** Advisors are pot luck. If you don't like what you get, you can either ask for arbitrary reassignment or request a specific person. All such discussion is via the Freshman Advisory Council (FAC,7-103,x3-6771). Don't hesitate to request a change if you feel one is necessary.

**Failure (not passing):** Don't panic. Normally you will merely have to repeat the course if you want to get credit for it. Pleading sometimes helps. Possibly your evaluation forms did not give you a clear idea of where you stood. Talk to your professor. Remember, freshman failing grades are not recorded on your external transcript.

**Pass/Fail:** if you don't get evaluation forms, go to the FAC office at 7-103. Ask and you shall receive. If you don't get completed evaluation forms back, bother your advisor.

**Freshman seminars:** The subject you choose can be both interesting and informative. If it isn't, you can either drop it or change it; don't stick around with a bad one. The Undergraduate Seminar Office is located at 7-105 (x3-3621).

**Taking a course at Wellesley:** You can do this first term if you try hard. If you really want to do it, start shoving (see **Cross-Registration at Wellesley, Undergraduate**).

**Crisis:** If something is wrong and you can't find adequate help anywhere, go to the psychiatrists. Cry; let them know you are desperate.

## Warning, Undergraduate

A good description of a warning is quoted below from a publication of the Committee on Academic Performance, which is also the best source for more details.

*Warning: This action would be appropriate in the case of a student whose performance is considered below standard, and whose status at the Institute may be jeopardized if his/her performance does not improve in the coming term. We feel that this action ought not to be viewed as punitive, but rather as a helping mechanism that will encourage such students to plan constructive action to improve their performance.*

If you have a problem, or if you are facing a warning, talk to some of the Commit-



tee members, or to Jane Dickson, assistant to the chairman of the CAP. Her extension is x3-4164. All of these people are quite reasonable individuals.

There is no set cut-off point for getting a warning or escaping it. As a very vague criterion, you are in trouble if the product of your credit load and cum for the term is less than 100, or if you are carrying an underload of units. The normal procedure is for each department to have a grades meeting at the end of each term, at which they will consider each student and make recommendations to the CAP. Therefore, if you think there is something the faculty of your department should know, tell them via your advisor or favorite professor before the end of the term.

If you leave the Institute for academic reasons, you should consider yourself on academic warning every term after you return — the CAP does.

*But these solemn lessons . . . . I remember as the death blow at my peace, and a grievous daily drudgery and misery. They were very long, very numerous, very hard — perfectly unintelligible, some of them, to me — and I was generally as much bewildered by them . . . .*

— David Copperfield

## Warning, Graduate

Graduate students may receive a warning from the Committee on Graduate Student Policy if their cum is somewhere below the 3.5-to-4.0 range. However, the Committee is not required to warn you. If your poor performance continues, the CGSP will probably recommend kicking you out — it is vital that both the CGSP and your advisor clearly understand the circumstances which are causing your problems.

## Withdrawal, Negotiated

If you have been on warning at some point and are now doing poorly, the Committee on Academic Performance may, after consulting with your advisor, decide whether to advise you to withdraw, or let you stay. If you negotiate a withdrawal, you can return easily. Conversely, if you decide to stay and continue to do poorly, the CAP may force you to withdraw, and readmission will be difficult. Forced Withdrawal (diquelification) is recorded as negotiated withdrawal, but is still the same as flunking out. Virtually nobody flunks out because he isn't smart enough; if you're having trouble there's some other factor at work.

If you're headed for a negotiated withdrawal, *don't panic*. Visit the counseling deans (5-104) or members of the Psychiatric Service. Check with the Placement Office. They can help you find a permanent job, or a somewhat temporary one if you intend to return after a term or two. You always have the opportunity to come back. Just remember, you reapply through the DSA Office.

If you are being asked to withdraw and you want to stay, it's best to get a faculty member on your side. Also get your advisor on your side. As a general rule, it's best for all concerned if you take off for a while.

*We tend to spend about six months intellectualizing about any problem before we admit that our initial reaction of "Yugh" was correct.*

— Bill Hecht  
(Chairman, Educational Council)



### Withdrawal, Voluntary

If you want to leave school, even if only temporarily, you should contact the counseling deans (5-104) for advice and help with all the procedural hassles. If you're not sure whether to take a term or so off, try talking to one of the deans, your advisor, friends, or members of the Psychiatric Service. Also, the Placement Office can help you in finding a temporary or permanent job.

Readmission of undergraduates in the case of voluntary withdrawal is not hard, and is done through the DSA. You won't lose financial aid, but you will lose housing eligibility. Readmission of graduate students is done through the department. If you're gone more than five years, you'll also need the approval of the CGSP.

### Graduation and Degrees

#### Degrees, Double

**Two Bachelor's Degrees:** You must fulfill requirements in two departments while accumulating 450 units instead of the 360 units required for one degree. It is not possible to split up course credit so as to give part of the course's credit to one department and part to the other. You must deliver a petition to the Registrar's Office at least two terms before graduating; the petition must list the two degrees and the expected graduation date. Consult your advisors in both departments to find out about the deadline for application and to obtain approval of your entire program.

There are provisions for having one thesis count for both degrees. Make sure you contact both departments about your joint thesis if you plan to present one.

**Note to the Superambitious:** triple majors *are* possible. At the 1975 graduation, one student received three Bachelor's and one Master's degree after four years!

**Bachelor's and Master's Degrees:** Some departments will award a SB and a SM simultaneously. You must be accepted for graduate study at least one term before the degree is awarded, and that requires a petition. Check with your advisor for details. If you want a Bachelor's degree in one department and a Master's in another, you are on your own. Don't worry, though — it has been done.

**Two Master's Degree:** You do not necessarily have to take additional credit units for two Master's degrees. However, there are requirements about splitting up the units between the two departments. You can do a joint thesis for two Master's degrees; petition must be filed at least two terms before graduation.

*Any mathematical trick that's been used at least twice becomes a method.*

— George B. Thomas

### How to Get Around Requirements

If you want to be exempted from or make substitutions for Institute requirements, you have to petition the COC. Getting out of a departmental requirement will involve working things out with your advisor and the department head. You should talk to the people involved before writing your petition. Your advisor and the deans can be of help. Try to find out about policies and precedents, and build up a believable case, which may take a major creative effort in borderline cases.

Don't be afraid to try; the results can be worth it. Petition forms are available from your advisor, the Registrar's Office, or the Information Office. Items which are petitioned for most frequently are substitutions for humanities and lab requirements. Often other subjects may be substituted for certain requirements in a department. Make sure you have the approval of the instructor in the subject you want to substitute. If your petition is refused, you can appeal to the same committee and they may change their minds if you are persuasive enough.

*Intelligence appears to be the thing that enables a man to get along without education. Education appears to be the thing that enables a man to get along without the use of his intelligence.*

— Albert Edward Wiggam

## Degrees, Interdepartmental

**Undergrads:** Interdepartmental majors are available at present only to graduate students. Course XXV is a good one to get into if you're interested in taking a wide variety of courses without designating a departmental major. Check the Catalog for further details. Also, many courses have programs that leave the student with the freedom to choose a particular area of concentration and take many courses in other departments. (See **Degrees, Unspecified**).

**Graduates:** Procedure here is fairly definite, but you still must make an effort to get things moving. You'll have to get an interdepartmental committee together that will be responsible for your entire degree program. There are some standing committees for interdepartmental work in several fields.

Check the Graduate Student Manual, your registration officer, your departmental Graduate Student Committee, or Dean Wadleigh at the Graduate School Office for help and information.

A joint degree in two departments (while being registered in only one) or a joint thesis is possible. The Thesis Committee is usually split between the departments. You can either split the qualifying exams, or pass them in your main course.

Biomedical engineering is the only well-established interdepartmental program, but others may be formed some day. The bio-med program has courses in areas II, III, VI, X, XVI and others. Check with one of these departments to find out more information.

## Degrees, Unspecified

Several courses (I, II, III, IV, VII, X, XV, XVIII) sponsor very flexible programs that can be adjusted to suit your personal requirements up to a certain limit. Since all departments have the option of offering unspecified degrees, your advisor or department head can help you set up a program. But remember — you still must fulfill the general Institute requirements, even if they don't seem to fit into your personalized educational program.

## Graduation

You must submit an application to be a degree candidate in order to graduate. The application is included in your registration material. MIT does not automatically grant



your degree as soon as all requirements have been met. It is possible to graduate with one deficiency if it occurred in a subject for which you were registered in the final term. You'll have to petition the Committee on Academic Performance (CAP) and, as a minimum, show that you made an honest effort at the course (even then, graduation is not automatic).

Before you receive your diploma, all library books must be returned, all keys to rooms and labs must be returned to the Office of Superintendent of Physical Plant, or to the appropriate professor, and all financial matters must be cleared. The Student Accounts Office will notify you of the deadline dates for all the formalities.

Prior to graduation, any student employed by the Institute must file a Termination Clearance form with the Payroll Office, with signatures certifying that (s)he has returned all keys, books, supplies, etc. Some labs have their own special termination procedures for teaching assistants.

### Theses

**Undergrads:** There is little published information on undergraduate theses. Consult your advisor and your department head. One pamphlet, *Undergraduate Theses*, is put out by the Committee on Educational Policy and is available in room 5-133 and in the Student Center Library. The rules are really flexible, so don't believe everything you read or hear. To be certain, check with your department.

**Grads:** Read the Graduate School Manual and departmental publications for general rules and format regulations. Your thesis advisor should be able to help you with any questions you have.

## After Graduation

### Applying to Graduate Schools

**General Information:** Reasonably thorough collections of graduate school catalogs can be found in the Humanities Library or the Career Planning and Placement Office Library. The latter library also has independent references on school reputations, financial aid and degrees awarded. This particular service is right up Mr. Weatherall's alley; he's Assistant Dean of the Graduate School and personally familiar with many institutions. Don't let his title put you off, he's very friendly and a good person to ask for help. In addition, the office has some applications for the ATGSB (business), LSAT, MCAT, and GRE. With regard to the GRE, the Graduate School Office (3-136,x3-4860) has application forms and information. Reference copies of test bulletins are kept in the Placement Office (10-140).

Kenneth Wadleigh, Dean of the Graduate School, is particularly helpful if you want to come to MIT for graduate study. **Hint:** When applying to grad schools, it's usually best to specify the doctorate under "degree to be studied for." This and other rules of thumb may be gleaned from your advisor and other faculty if you ask for help.

### Getting A Recommendation

Due to grade inflation, recommendations may be more important than your cum. Getting a recommendation must be planned in advance. Unless you're willing to take your chances on a sketchy and composite view written by someone who doesn't know



you very well, you have to develop a close relationship with at least one faculty member.

In general, you should contact the person whom you will ask to write the recommendation and get his/her approval before referring to him/her. It also helps to know that you'll get a good reference.

*The following items have been excerpted from recent first-year Graduate Qualifying Examinations. They are published here as a public service for the edification of those undergraduates planning to attend graduate school.*

*Instructions: Read each question carefully. Answer all questions. Time limit 4 hours. You may begin immediately.*

**Medicine:** *You have been provided with a razor blade, a piece of gauze, and a bottle of Scotch. Remove your appendix. Do not suture until your work has been inspected.*

**Public Speaking:** *Twenty-five hundred riot-crazed Aborigines are storming the classroom. Calm them.*

**Engineering:** *The disassembled parts of a high-powered rifle have been placed in a box on your desk. You will also find an instruction manual, printed in Swahili. In ten minutes a hungry Bengal tiger will be admitted to your room. Take whatever action you feel appropriate. Be prepared to justify your decision.*

**Music:** *Write a piano concerto. Orchestrate and perform it with a flute and drum. You will find a piano under your seat.*

**Political Science:** *There is a telephone on the desk beside you. Start World War III. Report on its sociopolitical effects, if any.*

**Biology:** *Create life. Estimate the difference in subsequent human culture if this form of life had developed 500 million years earlier, with special attention to its probable effects on the English parliamentary system.*

**Management Science:** *Define Management. Define Science. How do they relate? Why? Create a generalized algorithm to optimize all managerial decisions. Implement your algorithm on either a GE 645, CDC 7600, IBM 360/195, or PDP 8. Your program should include all the software necessary to support 100 interactive consoles.*

**Extra Credit:** *Define the universe. Give three examples.*

— "The Last Word" from *thursday*

**Admission to MIT Graduate School:** For some departments, it will be harder for MIT undergrads to get into MIT than for grads from other institutions of comparable quality. The ostensible reason is that departments want to avoid "inbreeding." Consult the department, the Admissions Office, and the Graduate School Manual for more information and help.

It is possible to be admitted as an interdisciplinary graduate student. You still have to

find a department that will admit you, but some flexibility is allowed. It will take a lot of talking to get what you want, and at least one professional ally. Don't delay.

*Now, here, you see, it takes all the running you can do, to keep in place. If you want to get somewhere, you must run at least twice as fast as that.*

— Alice in Wonderland

### **Prelaw, Premed and Education Counseling**

Due to the ever-increasing number of MIT students who are interested in entering the medical, legal, and teaching professions (and related areas in public administration), the Committee on Preprofessional Advising and Education was created. Susan Haigh Houpt is the Advisor on Preprofessional Education (10-186,x3-4158). The Office keeps copies of graduate school catalogs in the fields mentioned above, as well as application forms for the necessary entrance exams (LSAT, MCAT, etc.). Also, special handbooks for these three fields are available. Contact the Office early; they can help you plan ahead.

Besides providing counseling, the Office sponsors seminars given by representatives from schools and professional fields; interested students are encouraged to attend. Dates and locations of these seminars are usually announced in *The Tech* and *Tech Talk*, and are posted on the Preprofessional kiosk, just outside the office.

The Committee consists of three advisory councils, one in each field. If you are wondering what it feels like to be a professional in one of these areas, the members of the advisory councils will be glad to tell you.

### **Job Advice**

The Placement Office (10-140,x3-4733) can help you find information about employers, jobs, opportunities abroad for work and study, career advice, and help in preparing resumes. They also have information on such topics as Civil Service Exams.

*It has yet to be proven that intelligence has survival value.*

— Arthur C. Clark

**Wondering where to shop?**

Check the advertisements in **TheTech**

**for help with all your personal needs.**



# Facilities

MIT is in many lines of business; perhaps you have come into contact with the educational subsidiary. In addition to facilities directly related to education, the Institute has machine shops, art studios, graphic services, and all the comforts of a large resort community. Whatever your heart desires, it is probably available right on campus.

Finding exactly what you want, however, is not always easy. You might start with the Information Office (7-111,x3-4795). Or you can take a fantastic voyage through the yellow pages of your MIT phone book.

We list here only a few of MIT's more interesting, easily accessible facilities. Following the section on **Libraries**, listings are alphabetical. Note that MIT athletic facilities are listed in the **Recreation** chapter. Institute museums are found in **Art & Tourism**.

## Libraries

### The MIT Library System

Four large libraries for the Schools of Engineering, Science, Humanities, and Architecture, the Student Center Library, and numerous departmental libraries comprise the MIT Library System. All libraries are open at least from 9-5 weekdays. Many also have evening and weekend hours. **Guide to the MIT Libraries**, available in all libraries, includes a complete description of the library system, and a schedule of hours for all libraries. The union catalog for the entire library system is found in the Humanities Library. It is a good idea to check there first, since specialized books are frequently divided among several different specialty libraries.

A list of the libraries is given below:

Aeronautics and Astronautics	33-316	x3-5665
Archives	14N-118	x3-5688
Barker (Engineering)	10-550	x3-5661
Chemistry Reading Room	18-480	x3-1891
Dewey (Management and Political Science)	E53-138	x3-5676
Humanities	14S-200	x3-5671
Information Processing Center Reading Room	39-430	x3-4105
Lindgren (Earth Sciences)	54-200	x3-5679
Marine Resources Information Center	5-331	x3-5944
Music	14E-109	x3-5689
Physics Reading Room	26-152	x3-1791
Reserve Book Room	14N-132	x3-5675



## HoToGAMIT

Rotch (Architecture and Urban Studies)	7-238	x3-7052
Science	14S-100	x3-5671
Space Center Reading Room	37-582	x3-3746
Student Center	W20-500	x3-7050
Von Hippel Materials Center Reading Room	13-2137	x3-6840

The library system is centered at Hayden (Building 14) where the Humanities, Science, and Music libraries, the Reserve Book Room for the Humanities, the MIT Archives, and the microreproduction facilities are located.

The **Humanities Library**, on the second floor of the Hayden Library, has general interest books, leisure reading, books relevant to course work, and college catalogs.

The **Science Library** is located on the first floor of Hayden. The NASIC computer located there will do an excellent literature search for you if you can afford it. The **Reserve Book Room** is also on the first floor of Hayden, and it has a good collection of mystery novels in addition to course books.

Scores, music books, and a large collection of non-circulating records and tapes are found in the **Music Library**, down the hall from the Reserve Book Room. Records and tapes can be played, but not recorded, on the library's own hi-fi equipment. Don't miss the music bulletin board, where notices of upcoming events at MIT and in Boston, and musical group announcements are posted. Each week, the Music Library hosts a chamber music concert. Check *Tech Talk* for details.

**Barker Engineering Library** has some innovative services such as audio-visual instruction in the use of the card catalog, selected printed indexes, super 8 film loops, and video tapes. The Sloan School-affiliated **Dewey Library** contains material on psychology, education and business, and open stack collections of Congressional and U.N. records. **Rotch Library of Architecture and Planning** frequently has interesting art and architecture exhibits.

In addition to non-circulating reserve books, the **Student Center Library** has magazines, newspapers, typing and discussion rooms, language lab booths, music rooms, and computer terminals. Check with the desk.

Some general notes on the libraries:

1. Your MIT student ID is your library card. Faculty, staff and other members of the MIT community should check with the Hayden Desk for library cards.
2. MIT librarians are professionals. Use them.
3. You can renew books by phone if they are not overdue; all you need is the call number. However, you may not renew more than three books by phone.
4. Fines are not collected until the fourth day after the due date.
5. Most of the libraries have copy machines, SCM copies are 5¢ each.

6. If MIT libraries do not have something you want, you may be able to get it through the Boston Consortium or via an interlibrary loan. The Consortium, of which MIT is a member, is a group of libraries in the area which have extended reciprocal borrowing privileges. You can get a Consortium card at Hayden. If you still can't get what you want, try an interlibrary loan. Consult David Ferriero (14S-222,x3-5684) or the Humanities reference staff (14S-200,x3-5683).

7. "Reserve" collections of books required for courses are scattered amongst various libraries. Reserve books may only circulate within the library and overnight. Heavy fines are charged by the hour if you return them late. If you need to keep a reserve book out longer, check to see if there is a copy in the regular collections.

### Other Libraries at MIT

1. There are quite a few departmental and laboratory reading rooms, often containing materials unobtainable elsewhere. Many have thousands of items in specific fields.

2. The MIT Science Fiction Society library has the world's largest open-stack SF collection. (W20-421,d15-9144). Hours are irregular and anyone may browse. You must be a member to borrow books.

3. Some dormitories support their own small libraries. Check with the main desk.

4. Many faculty members have personal libraries from which some students may borrow.

5. The MIT Outing Club (W20-461,x3-2988) has a small reference library of outdoor guidebooks, instruction books, safety books, expedition histories, outdoor periodicals, and New England and New York USGS topographical maps.

6. The Religious Counselors' Building (W2A) has Catholic, Protestant, and Jewish collections. The Hillel Library has 2800 volumes of Judaica in several languages.

*A paper should be like a miniskirt: short enough to be interesting, but long enough to cover the subject.*

— Unknown

### Other Libraries Around Boston

Don't limit yourself to MIT libraries. The Boston area has many excellent libraries, which students can and should use.

**Harvard University** has a tremendous library system, but it is difficult to get stack privileges. Ask at Hayden Library for further information. The easiest way to use another university library is to get a friend to take out books for you.

**Wellesley College libraries** loan books to MIT students. The hours are 8:30am to midnight on weekdays, 9 to 9 Saturdays and Sundays. You can take out as many books as you want and they may stay out for four weeks. Fines are cut in half if you pay



when you return the books. The Wellesley Library reference desk extension on MIT extension phones is x187-286.

**Boston University Mugar Library** is on Comm Av at the BU Student Union. It has an extensive and wide-ranging collection, pleasant atmosphere, and is a good place to study and to meet BU students.

**Boston Public Library** at Copley Square (with branches elsewhere) is a large general library. It has many circulating books and stereo records (which are normally in rather poor shape unless you get them when they're new). It also has out-of-town newspapers and periodicals and loads of reference material. It's open 9 to 9 weekdays and 9 to 6 on Saturday. To get your card, show your MIT ID and fill out an application form. Suburbanites are also eligible for cards.

**Cambridge Public Library** (449Broadway, branches and bookmobiles) is large and easy to use (open stacks). It usually has several copies of the current best sellers. Reserve one and wait your turn. The library is large and the collection is new. If you don't live in Cambridge you must show a BPL or other library card to get a card.

**Brookline** has a public library (361WashingtonSt and branches) whose collection is similar to Cambridge's. Cards are free to Brookline residents; others must pay \$3.

All the suburbs and towns around Boston have their own libraries. Collections are normally aimed at the general reader, and all have special children's sections. Some even have film and lecture programs.

There are several special-topic libraries around Boston; some (such as the Athenaeum) have formidable defenses against entrance by common students. Check with the MIT librarians if you're interested or have some other special needs.

*A good education enables a person to worry about things in all parts of the world.*  
— Illinois State Journal

## Other Facilities

### Audio-Visual

Audio-Visual (4-017,x3-2808) rents out projectors and projectionists, tape recorders, public address equipment, overhead and opaque projectors and other AV equipment. They supposedly keep their prices low, but you may be able to get a better price at your friendly neighborhood camera store. TCA (W20-450) rents out 16mm, super 8, and a couple of slide projectors to students at the lowest rates around.

### Chapel

The MIT Chapel is open daily from 7am to 11pm for private meditation. Services of many faiths are held throughout the week; check the Calendar in *Tech Talk* for a listing of all religious activities. The Chapel is available for weddings, christenings, memorials, and other services; scheduling is done through the DSA Office (7-101,x3-6774). For more information, see Religious Groups in the Groups chapter.

### Computer Time

There are many computers on campus, and several means of getting time on them. To use the IPC computers in Building 39, you must have an account. Check with



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491-1111

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the User Accounts Office (39-219,x3-4118) for a new account or see if your advisor or members of your research group have a number which you can use.

The Student Information Processing Board (SIPB,39-200,x3-7777) manages a substantial amount of computer time funny money for general student use. Check with them for more information.

Fubini's Law: *Computers are first installed merely to do manual tasks more expensively.*

### Endicott House

This house, located in Dedham, is open to any group associated with MIT, but not for private entertainment purposes. It costs even more than Talbot House. For reservations and more information call the director at 326-5151.

### Faculty Club

Membership in the MIT Faculty Club is open to all faculty and staff and their families. Membership carries reciprocal privileges with the Harvard and Wellesley Faculty Clubs. The Club is located on the sixth floor of the Sloan Building at 50 Memorial Drive (Bldg. E52) and serves luncheon and dinner Monday through Friday, except on holidays. Special club events such as buffet suppers and dinner-dances are regularly scheduled and announced to the membership. For reservations and information, call x3-4896.

### Graphic Arts and Reproduction

The Graphic Arts Service, housed mainly at 211 Mass Av (N42,x3-4765), provides a wide range of services, only a few of which are mentioned here. The Mailing Service offers typing, stencil addressing, and bulk mailing. The Photographic Division can produce portrait, passport, identification, and thesis photographs, and handles photostat work. They also have an Illustration Service with typesetting capabilities and an Offset Printing Department. Counters for while-you-wait Xeroxing are at 2-217 (x3-6917), 3-003 (x3-2806), E52-032 (x3-5203), and 1-242 (x3-3883).

The SCM copiers in the various libraries are cheaper than Graphic Arts for copies from books. The copier in the Student Center Library is available 24 hours a day. Commercial outfits usually have lower prices and better service than MIT Graphic Arts (see **Duplicating Services** in the **Shopping** chapter).

If you're more interested in mimeograph/hectograph printing, go to TCA (W20-450), which has a couple of machines and sells stencils and paper. TCA also has silkscreening equipment which can be used for posters and shirts.

**LSC** (W20-457,x3-3791) has two offset presses, the larger of which accommodates paper up to size 17½"x22½". Presses are jointly owned with the Activities Development Board, and are for use by student groups. You can hire someone from LSC to operate the press, or you can do it yourself if you can show competence. Copy preparation and folding are available. LSC movie publicity is a product of these presses and the results can be quite good. Check with the LSC Publicity Director (W20-415,x3-3788) about qualifications if you're interested. **APO** (W20-415,x3-3788) has a classic, hand-set platen letterpress, which is *slow* compared to modern presses. It is operated only under the supervision of qualified APO brothers. Talk to the APO Letterpress Chairman.



**The Tech** has a production shop which it uses to turn out its newspaper. They have typesetting, headlining, and photographic equipment, complete with staff, all of which can be had at a price. This book is an example of their work.

*Only a mediocre person is always at his best.*

— Somerset Maugham

## Hobby Shop

The Hobby Shop (W31-031,x3-4343) is located in the basement of the Armory. George Pishenin is in charge of it, and the hours are 10-6 Monday through Friday. It has woodworking equipment, a machine shop for metalworking, and a photo lab. Shelves, tables, championship sailboats, speaker enclosures, looms, dulcimers, and harpsichords have all been constructed in the shop. Novices are welcome, as they give the more experienced users a chance to teach. A good way to get started is to take one of their IAP courses. Memberships cost \$10/term for students, and \$15/term for everybody else. It is open fall, spring and summer terms.

## Lab Supplies

Lab Supplies sells many things used on projects and in labs. In order to get an item from them, you'll need an account number and a requisition form; they do not sell for cash. Students can open accounts at 4-471 (x3-4959). You may have to open one if you take certain lab courses.

## Language Lab

Lessons in German, Spanish, French, Russian, and a dozen other languages can be heard in the Language Lab (14N-0641,x3-2310) or in remote booths in McCormick, Burton, Baker, the Hermann Building, the Student Center Library, Russian House, and New House. Standard MIT course tapes are available from all booths, 24 hours a day. Other tapes, including prose, poetry, plays, and musical "ear-training exercises" are available only when the lab is open. The entire MIT community can use the lab at no charge.

*A translation is like a mistress — either beautiful and unfaithful, or faithful and ugly.*

— Russian proverb

## Machine Shop

The machine shop in the basement of building 1 (1-008) is open to the MIT community year round from 8:30-5 Monday through Friday. The shop has lathes, mills, drill presses, and a complete line of machine tools. If you don't know how to work a machine or need help, ask Sam for help; he'll be glad to give it to you. You'll be asked to check in every day that you're there, and you should bring your own materials (scrap is available, but if you want anything big, you probably won't find it).

*The most difficult thing in the world is to know how to do a thing and to watch someone else doing it wrong, without comment.*

— T. H. White

## Metallurgy Shop

For creative metallurgy or just hacking, 4-133 (the home of Tony Zona) is the place to



be. You can learn welding, brazing, and soldering by enrolling in 3.19 (a prerequisite for use of the shop), but the subject is always oversubscribed. Check for metallurgy instruction over IAP if you don't get into 3.19 during the term.

### Microreproduction

The Microreproduction Division of the Libraries (14-055,x3-5668) turns books into microfilm and microfilm into books.

### Music Practice Rooms

Practice rooms *per se* are rare. A few are scattered within the living groups. There are five upright pianos in the Student Center. Check at the Student Center Library desk (W20-500) if you want to use one. A grand piano, which a rank amateur might consider playable, is available at Walker Memorial. Actually, it is beyond repair. Most dorms own pianos.

**Note:** Practice rooms tend to lack music stands, so be sure to bring your own. If this situation upsets you, talk to the Student Center manager (W20-345,x3-3913).

### Observatory

The G. R. Wallace Astrophysical Observatory can be used by students both in classes (12.134, Experimental Optical Astronomy) and for individual projects. All scheduling is done through the office of the director, Prof. McCord (XII,24-420,x3-3389). The Observatory is 40 miles from Cambridge in Westford. It has a 24" and a 16" scope. The 24" is sometimes difficult to get time on, while the 16" it is accessible for projects of any merit.

### Student Art Association

Although called the Student Art Association, this facility is actually open to anyone in the MIT community, although preference is given to students. SAA has superb facilities for batik, ceramics, drawing, hand weaving, jewelry, painting, silk-screening, tie-dyeing, and hosts of other arts. It also has an excellent darkroom and general photographic facilities. Classes in ceramics, photography, and drawing are offered during Fall, Spring, and Summer terms and IAP. Courses given during IAP are very popular, so sign up early. Fees are charged (\$15-50 for classes, \$5-10 less for use without instruction). The office is on the fourth floor of the Student Center (W20-429,x3-7019).

*People who like this sort of thing will find this is the sort of thing they like.*

— Abraham Lincoln

### Student Center

The Student Center (W20) is the primary focus for student activities at MIT (Walker Memorial, Bldg 50, also houses many activities). Most large activities are crowded into the fourth floor of the building. Other facilities located in the Center include a dining hall, snack bar, lounges, the Tech Coop, a post office, a tailor (handles dry cleaning and shoe repairs), an optician, a barber shop, a giant TV, game rooms for ping pong and pinball, pool tables, a bowling alley, a coffeehouse, and the Student Center Library.

The **Student Center Committee** (SCC W20-347,x3-3916) is responsible for all student use of the Student Center. They sponsor several Student Center activities, including Rock Revivals, Strat's Rat, Beer Blasts, and free Midnight Movies.

### Talbot House

Talbot House is a Vermont farm house available throughout the year to MIT student groups. It is located in Woodstock, near several major recreational facilities including skiing, hiking, horseback riding, and golf areas. Apply early! Scheduling is done by a student committee through the Deans' office (W20-345,x3-7974).

### Typewriters

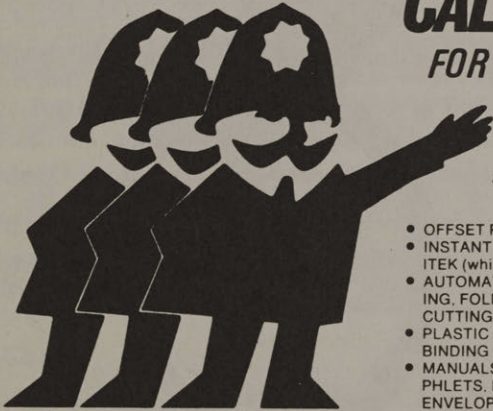
The Student Center Library has selectric typewriters for general use. The price is 25¢/45 minutes. They are kept locked and you'll have to go to the desk in order to use them. It is cheaper and frequently easier to get a typewriter from an office where you have connections or from a friend.

*There is a special department of hell for students of probability. In this department there are many typewriters and many monkeys. Every time a monkey walks on a typewriter, it types by chance one of Shakespeare's sonnets.*

— Bertrand Russell

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# Groups

MIT is a community of nearly 20,000 people — staff, employees, faculty, administrators, and students. So no matter how unusual your interest or problem may be, someone around the Institute probably shares it with you.

Groups covered in this chapter include: academic/honorary societies, children, foreign citizens, handicapped people, hobby groups, homosexuals, music and drama groups, religious groups, service organizations, student governments, and women. Athletic and dance groups can be found in **Recreation**. Publishing and broadcasting groups can be found in **Media**.

For more information, read the *Freshman Handbook*, available from the Freshman Advisory Council (7-103), and check the front of the *Student Telephone Directory*.

## Academic/Honorary Societies

Most departments have student chapters of national organizations. To contact the organization for your specialty, see your department headquarters.

Active honorary societies include **Tau Beta Pi** for all engineers, **Phi Beta Kappa** for non-engineers, **Pi Tau Sigma** for mechanical engineers, **Phi Lambda Upsilon** for chemists and chemical engineers, and **Eta Kappa Nu** for electrical engineers. Requirements for admission vary. Generally you must be in the top fifth of your class, with a cum above 4.6, and be active in campus life. Admission to honorary societies is by invitation only.

## Children

MIT does provide a few services for children of members of the MIT community. These services include day care, a pediatric clinic, and athletic facilities use.

### Day Care

There are currently three child care programs for pre-school children operating on campus that are available to all members of the MIT community. **Family Day Care** (licensed home care for groups of usually 2-4 children) is available full- or part-time, on-campus or off-campus, for children from infancy to five years. **Full-day Care** and **Half-day Nursery School** are available for children 3-5 years old through **Technology Children's Center**.

Information about eligibility requirements, fees and availability of space can be obtained from the Child Care Office (4-144,x3-1592; Margaret Sand, Coordinator).



## HoToGAMIT

The Child Care Office starts from the premise that child care is for parents too, and can help you determine what is the most suitable care for you and your child. They can refer you to services off- as well as on-campus.

### Medical Services

The Medical Department's Pediatric Clinic, staffed by two pediatricians and a pediatric nurse practitioner, is available to children of faculty, staff, employees, and students. Visits are on a fee-for-service basis and include well-baby exams. Fees are covered for dependents of employees on the MIT Health Plan.

### Athletic Facilities

Children of those with athletic cards are admitted free to the skating rink and the swimming pool. However, they are allowed to use these facilities only during a limited number of hours. They have no privileges at the duPont Athletic Center.

Skating lessons for the children of the MIT community are given by members of the Athletic Department on Saturday mornings during the months of December, January and February. Application blanks and rink schedules are distributed in November. An athletic card and a tuition fee are required. Swimming lessons for MIT community children are also provided by the Department. They are held on Saturday mornings beginning in late September and continuing through mid-November. To allow individual instruction, classes are limited in size, and are restricted to children between the ages of 6 and 14. Again, an athletic card and fee are required. For further information on these services, call the Athletic Department headquarters (x3-4498).

During the summer, the Department of Athletics sponsors a Day Camp for MIT community children between the ages of 6 and 13. Notices about registration are mailed in January or early February. A staff of trained counselors gives instruction in swimming, tennis, sailing, and a variety of other activities. The Camp continues for eight weeks, and children may be registered for any combination of two-week periods. For further information, call Director Peter Close (x3-7946).

### Foreign Citizens

The first place to go with questions or problems is the **Foreign Students Office** (3-107,x3-3795). Eugene Chamberlain is the Advisor to Foreign Students, Robert A. Scheitman is the Associate Advisor. If they can't help you, they should be able to refer you to someone who can. Foreign staff members should consult with the **Registry of Guests** (2-121,x3-2851).

For **Adjustment Problems**, the social workers, Mrs. Buck and Mrs. Rodrigues are very helpful to newcomers and their families having difficulty adjusting to the cultural milieu of the United States. There is an open house at the beginning of September to acquaint newcomers and families with available resources at MIT and in the Boston area.

Aliens in the United States must file an **Alien Address Card** with the Immigration Service each January. These cards may be picked up from the Foreign Students Office, a post office, or the local office of the Immigration and Naturalization Service.

**America and Americans:** North America contains the largest area of uniform culture

in the world. Mostly Americans have never met someone from another culture and are likely to be ignorant of yours. There will be about as many things in your culture that will disturb Americans as there are aspects of American culture that bother you. Don't hesitate to ask questions; for the most part you will get friendly answers. It won't hurt to try to explain your culture as well.

Americans have an informal, active way of life, and to many people they may appear to be very abrupt. Formal introductions are not usually needed; if you want to be friends with the person next door, introduce yourself. Dress is very flexible. Rarely if ever is formal attire required; it can always be rented, if need be. If you have any doubts, ask. Conversations and telephone calls usually come right to the point. There are very few formalities observed.

Americans for the most part don't line up neatly. They tend to bunch up. However, everyone seems to know who's first and crowding is definitely frowned upon.

Sales people and officials are not, nor do they consider themselves, inferiors or servants of the public, and they act accordingly. With a pleasant smile and a gracious attitude on your part you will find them most anxious to help.

*The continent is tilted west and everything loose slides into Southern California.*

— Frank Lloyd Wright

**Driver's License:** Drivers from a number of countries may drive for one year in the US on their home licenses. The end of the year is designated as the earlier of (1) the end of the academic year, or (2) one calendar year from the date of entry into the US. For more details, consult the Foreign Students Office, Campus Patrol, or the Registry of Motor Vehicles.

**Employment:** Before taking a job, talk with someone at the Foreign Students Office, since permission for employment is not automatically granted under the terms of F and J visas. Wives on F visas may *not* accept paid employment. Some students holding J-1 visas and their wives (J-2) are permitted employment only if they need to work for self-support. Recently, restrictions on foreign citizens taking jobs in America have been greatly stiffened and jobs will be very hard to find.

**English for Foreign Citizens:** The Personnel Office offers "English as a Second Language" classes for students and spouses. Call x3-1913 for information. The Technology Matrons (10-342,x3-3656) also give English classes for student or faculty wives. Visit the Language Lab (14-0641,x3-2310) and the Foreign Students Office where you can be referred to other opportunities to improve your English.

**Families:** Five hundred families in the area host MIT foreign students each year. We hope you and your host family will enjoy seeing each other. However, if you do not want to see your host family on a particular occasion, refuse their invitation politely. First-year students can change their host families if desired. If you want a host family, or want to become one, the staff at the Foreign Student Office (3-107,x3-3795) will explain the procedures involved.



**Immigration:** A good chapter on the subject appears in the *Asian Student Orientation Handbook*. Copies are available at the Foreign Students Office. They also have the US Government publication on applying for citizenship.

Approximately once a month the Foreign Students Office holds a seminar for those students who are particularly interested in permanent residence (immigration) procedures. For time and date, check with the Office.

**Income Tax:** For information call the Alien Tax Information Office (223-3446).

**Insurance:** In the MIT Student Health Program, outside hospitalization insurance is compulsory for foreign students. The *Asian Student Orientation Handbook* describes the various types of insurance available to foreign students. Copies are available at the Foreign Students Office. Campus Patrol can also help you with auto insurance, etc. If you have questions concerning MIT medical insurance, check with the Medical Department (x3-4371).

**Passports and Visas:** Check the pamphlet *Information for Admitted Foreign Students*, which you should have received upon arrival here. If you no longer have your copy, get another from the Foreign Students Office. There is no need to renew visas when they expire if you do not leave the country, but I-94's always have to be valid. Check with the Office for renewal procedures.

**Personnel Directory:** In addition to the *Institute Directory* and the *Student Directory* (both have a Departmental Directory), there are a *Foreign Students Directory* at the back of the *Student Directory*, and a *Foreign Staff Directory* at the Registry of Guests (7-121).

**Political Action:** Legally speaking, you are free to participate in any sort of political action as long as it does not violate the laws of the United States. However, on the practical level, it is unsafe for you to participate in activities which may bring down upon you the unfavorable attention of the police; immigration officials think twice about renewing the visa of someone arrested for political activity, whether or not he was later convicted.

**UROP for Foreign Students:** There are offerings in the Undergraduate Research Opportunities Program (UROP) of particular interest to foreign students. Check with the UROP Office (20B-141,x3-5049) and the UROP Directory.

**National and cultural groups** on campus include:

African Students Association

Arab Club

Chinese Students Club

(W20-475,x3-3494)

Hellenic Students Association

International Students Organization

Iranian Club

Israeli Club

Mandarin Student Club

Sangam (Indian Students)

Slavic Society (RUKU)

## Handicapped People

A map showing ramps, walkways and other special facilities for handicapped people (and those transporting heavy loads) is available at the Information Office (7-111,x3-

4795). Also check with APO (W20-415,x3-3788) for information on Boston and Cambridge. There is also a map of the Institute for the blind next to the Information Office, 7-111. This map is the result of a thesis done by an MIT student in Course IV.

## Hobby Groups

There are hobby groups on campus for every possible hobby, from growing orchids to jumping out of planes. Clubs without offices can be reached through the Association of Student Activities (W20-401,x3-2696).

Auto Club	Science Fiction Society (MITSFS) (W20-421,x5-9144)
Beefaroni Chess Club	Skydiving Club
Bridge Club	Soaring Association (33-222,x3-2278)
Chess Club	Society for Creative Anachronism
Debate Society (W20-469,x3-3787)	Strategic Games Society (50-318)
Exotic Fish Society (W20-002,x3-7922)	Student Art Association (W20-429,x3-7019)
Film Society	Tae Kwon Do Club
Flying Club (33-222,x3-2278)	Tech Model Railroad Club (20E-214,x3-3269)
Go Club	Tiddlywinks Club
Guild of Bell Ringers	Tropical Plant and Orchid Club
Juggling Club	UHF Repeater Society
Karate Club	Unicycle Club
Magic Society	MIT Wheelmen (W20-002)
Model Rocket Society (50-320)	White Water Club (6-432,x3-1795)
Numismatic Society	
Outing Club (MITOC,W20-461,x3-2988)	
Radio Society (W1MX) (50-357,x3-3776)	

## Homosexuals

Getting around MIT doesn't have to be a hassle for anyone, even if you're gay or are having problems with your sexual identity or orientation. There are a surprising variety of people to turn to, places to go, and things to do. There is no reason to feel any reserve about using any or all of the resources available. It's the reason they exist.

The **MIT Student Homophile League** (MITSHL) is a group of MIT students (not necessarily gay) and affiliated people who have a concern for one another and for the quality of life of gay people on campus. SHL has a hotline phone you can call almost anytime, and be sure of having someone on the other end to talk to. The number is x3-5440. You can remain anonymous if you wish.

The **Deans' Office** offers informal counseling, also. Two deans who seem to get the most recommendations are Anne Ellison (5-104,x3-4861) and Robert Halfman (7-141,x3-6786). There's always the psychiatrists' office but you do have to make an appointment (x3-2916). Here, SHL's recommendations are Joseph Brenner and Rochelle Friedman. (CAUTION: Certain people are known to be quite uptight about homosexuality in their counseling. It is recommended that before seeing anyone, you talk to someone who has already seen that person. If you don't know anyone, call the hotline.)

If you don't want to be bothered with MIT-based people, Boston's **Homophile Com-**



**munity Health Service** runs a counseling service. Their number is 542-5188. There is a fee, but it's mostly pay-what-you-can.

SHL also maintains a bulletin board in the first floor corridor of Building 3, next to the Admissions Office. It'll keep you posted as to what's going on around campus as well as other schools and the Boston gay community. The group has a lounge, which is on the third floor of Walker (50-306,d15-6745).

Boston's **Gay Community News** (GCN) is the paper to read if you really want to be informed about things in the "real world." Its news largely concerns New England, but it runs a weekly calendar of events, as well as a listing of every gay group in New England. You can either read it in the lounge or pick one up at most newsstands.

There's also the **Charles Street Meetinghouse Coffeehouse**, where you can buy light snacks and desserts. It's a nice place to meet people. And, of course, there are the bars. To find out more about them, call the hotline (x3-5440).

This is only a partial listing of resources. Hopefully it will get you started on a healthy and productive semester.

*There are two classes of people, the righteous and the unrighteous. The classifying is done by the righteous.*

— Our Lady's Missionary,  
Reprinted in *thursday*

## Music and Drama

Most performing organizations on campus are open to the entire MIT community. Musical groups can generally be reached through John Buttrick in the Music Office (14N-238,x3-4892). Drama groups are coordinated by Joseph Everingham (W16-018, x3-2908). Watch *Tech Talk* for schedules of auditions and performances.

Chamber Music Society (14N-226)

Chinese Choral Society

Choral Society (W16-002)

Concert Band (W16-002)

Concert Jazz Band (W16-002)

MIT Community Players

Dramashop (W16-018)

Festival Jazz Band (W16-002)

Gospel Choir (14N-226)

Logarithms

Madrigal Society

Musical Theatre Guild

(W20-439,x3-6294)

Shakespeare Ensemble

(14N-316,x3-4420)

## Religious Groups

*We have a maxim in the House of Commons, and written on the walls of our house, that old ways are the safest and surest ways.*

— Sir Edward Coke

### Baha'i

The **MIT Baha'i Association** has weekly meetings. Check *Tech Talk* and the bulletin boards in Building 2 for information.

## Buddhist

The **MIT Buddhist Association** was founded in 1976. For information, contact Chiu-Nan Lai (x3-4170,d15-7256).

## Catholic

Catholic services on campus are held in the Chapel every Sunday. They are led by the full-time Catholic chaplain, Rev. Moran of the Paulist Fathers (W2a,x3-2981). The **Tech Catholic Community** (W20-441,d15-9142) organizes activities on campus.

Local Catholic churches include:

**Blessed Sacrament Church** (189PearlStCentralSqCambridge,547-1669).

**Sacred Heart Church** (49SixthStCambridge,547-0399).

**Saint Anthony Shrine** (100ArchStBoston,542-6440).

**Saint Francis Prudential Chapel** (PrudentialCenterBoston,542-6448).

**Saint Paul's Church** (34MtAuburnStCambridge,491-8400).

## Eastern Orthodox

Local Churches include:

**Russian Orthodox Cathedral** (165ParkDrBoston,262-9490).

**St. John the Baptist Greek Orthodox Church** (15UnionParkBoston,536-5692).

## Jewish

The **MIT Hillel Society** (W2a,x3-2982) sponsors social, religious, and Zionist activities. Reform services are held Friday evenings in the Chapel. Orthodox Sabbath services are held Saturday in the Student Center. Check *Tech Talk*, the Hillel Office, and the bulletin board off the main corridor in Building 4 for more information. Kosher meals are available from the Kosher Kitchen (50-005,d15-6750). Reservations are generally required, and can be made at the Hillel Office. The publication *Jewish Boston*, describing all Jewish activities in the area, is available at the Hillel Office.

BU Hillel (233BayStateRdBoston,266-3880), Harvard Hillel (1BryandStCambridge, 867-6138), Northeastern Hillel (1360HuntingtonAvBoston,437-2628), and Simmons Hillel (300TheFenwayBoston) all offer religious services and activities of interest.

Local synagogues include:

**Cambridge Shul** (8TremontStCambridge). Conservative.

**Congregation Beth Pinchas** (1710BeaconStBrookline). Home of the Hassidic Bostoner Rebbe.

**Congregation Kehillath Israel** (384HarvardStBrookline). Conservative.



## HoToGAMIT

**Havurat Shalom Community** (113CollegeAvSomerville). A communal group, with innovative conservative services and classes.

**Temple Israel** (LongwoodAv&PlymouthBoston). Reform.

**Temple Ohabei Shalom** (1187BeaconStBrookline). Reform.

**Vilna Shul** (16PhillipsStBoston). Orthodox.

**Young Israel of Brookline** (62GreegStBrookline). Orthodox.

### Moslem

Services are held on Friday in Kresge or the Student Center. The **Islamic Society** can be contacted through the Foreign Students Office (3-107,x3-3795).

### Protestant

There are several active Christian groups on campus, and someone is running a service just about every day. Check *Tech Talk* and the bulletin boards in Building 2. United Christian Fellowship runs services on Sundays. For more information, see the Protestant chaplains, Constance Parvey (W2a,x3-2325) and John Crocker (W2a,x3-2983).

The following on-campus Christian groups share an office in the Student Center (W20-411,d15-9142):

Campus Crusade for Christ/College Life	Christian Science Organization
Christian Students	Latter Day Saints Association
United Christian Fellowship	Withyou Club

Protestant Churches in the MIT area include:

**Beacon Hill Friends House** (6ChestnutStBoston,227-9118). Quaker.

**Bethel Revival Center** (HarcourtStBoston). Full gospel church from the holiness tradition.

**Cambridge Christian Center** (atChristChurchCambridge,2pm) Charismatic church with fairly traditional Protestant services and a network of Bible study and prayer groups.

**Cambridge Church of the Nazarine** (FranklinStCambridge) Plain Bible teaching in a multi-ethnic setting.

**Christ Church** (ZeroGardenStCambridge) Episcopal church, popular with MIT students.

**Harvard-Epworth Methodist Church** (1555MassAvCambridge,354-0837).

**Inman United Presbyterian** (InmanSqCambridge). Emphasizes Biblical Christian Community, with charismatic leanings.

**Jehovah's Witnesses** (136StBotolphStBoston,267-1108).

**King's Chapel** (58TremontStBoston,523-1749). Unitarian.

**The Mother Church** (105FalmouthStBoston,262-2300). Christian Scientist.

**Old South Church** (645BoylstonStBoston,536-1970). Congregational.

**Park Street Church** (1ParkStBoston,523-3383). Large congregational church with special student fellowship.

**Ruggles Baptist Church** (ParkDr&BeaconStBoston). Bible teaching with close "family groups," including ministry and fellowship groups.

**St. Paul A.M.E.** (ColumbiaStCambridge,nearMIT). Traditional Black preaching and singing. Very popular with MIT students.

**University Lutheran** (HarvardSq). Modern Lutheran.

**Western Ave. Baptist** (WesternAvCambridge). Baptist church with roots in the Black community.

### **Vedanta Society**

Swami Sarvagatanada leads meditation and teaches, Friday afternoon in the chapel. For information, call him at 536-5320.

*Morality is only moral when it is voluntary.*

— Lincoln Steffens

## **Service Organizations**

**Alpha Phi Omega** (APO) (W20-415,x3-3788) projects include renovation of local scout camps, fund raising for charities, and others to improve the quality of life both on and off campus.

**Ecology Action** (W20-002,x3-7922).

**Education Studies Program** (W20-467,x3-4882) offers educational programs to local youths. MIT students are the teachers, and the results are impressive.

**Lecture Series Committee** (W20-457,x3-3791) presents movies thrice weekly and occasional lectures, just to keep their name legitimate.

**Technology Community Association** (TCA) (W20-450,x3-4885) publishes this book, runs a ticket service, book exchange, silk screen and duplicator services, and assists blood drives.

**Urban Action** (20C-014) members participate as volunteers in Boston and Cambridge community programs, including tutoring, hospital work, aid to handicapped and mentally retarded, and legal research.

*The quality, not the longevity, of one's life is what is important.*

— M.L. King, Jr.

## **Student Governments**

*That government is best which governs least*

— Motto, used by H.D.Thoreau.



**Association of Student Activities (ASA)** (W20-401,x3-2696) is responsible for recognition of activities and assignment of office space.

**Dormitory Council (Dormcon)** (W20-413,x5-9174).

**Finance Board (Finboard)** (W20-405,x3-2696) controls the purse strings of organizations recognized by the ASA.

**Graduate Student Council (GSC)** (50-110,x3-2195).

**Interfraternity Conference (IFC)** (W20-413,x5-9174).

**Nominations Committee** (W20-401,x3-2696) appoints student members of Institute and UA committees.

**Student Center Committee (SCC)** (W20-347,x3-3916).

**Student Information Processing Board (SIPB)** (39-200,x3-7788) manages student computer time, and is the major social group of computer hackers.

**Undergraduate Association (UA)** (W20-401,x3-2696).

*A vote won by five out of twenty-five possible votes does not indicate overwhelming support. It does, however, indicate overwhelming apathy.*

— Ralph Feldberg

## Women

MIT is unusual in that the males here greatly outnumber the females. Therefore, women here have different experiences and problems than they would in other places. All services that are open for males are also available to women; in addition, a few activities and services especially for women are also available.

The **Margaret Cheney Room** (3-310,x3-4880) is a room especially set aside for females. It has a grand piano, complete kitchen equipment, beds, study areas, and showers. It serves as a meeting place for women's activities and women in general. Keys are available from the Deans' Office (5-104,x3-4861).

*Before I built a wall I'd ask to know  
What I was walling in or walling out,  
And to whom I was like to give offense.*

— Robert Frost

If you are a female and have a problem (medical, social, academic, psychological, or otherwise), all the counseling and medical services of the Institute are open to you. However, if you prefer counseling or treatment by a female, you can get it. Dean Ann Thompson (5-104,x3-4861) specializes in counseling, as does Dean Carola Eisenberg (7-133,x3-6776). Other helpful women are Dotty Bowe, Assistant Director of Financial Aid (5-119,x3-4971), Mrs. Rodrigues and Mrs. Buck, the social workers (Medical Dept,x3-4911), Mrs. Schwartz, the sociologist (Medical Dept,x3-2916), and Rochelle Friedman, a psychiatrist (Medical Dept,x3-2916).

The Medical Department has a female dermatologist. A female gynecologist is available two afternoons a week. The department does have a full-time midwife, Helena McDonough, RN. Florence Dingle, the nurse in charge of gynecology, is also very helpful. Gynecology is covered by MIT Students Medical Insurance. Birth control

# WHAT IS THE GSC?

We'd like to skip a lengthy introduction and the associated formalisms and get right down to the heart of this all. What is the GSC? What does it do? What has it done? Is it doing anything for you?

In a world of acronyms, the GSC is the Graduate Student Council, whose members are elected from every department and graduate living group at MIT. What's our motivation? The answer is simple: self-interest. If that strikes you, then read on.

**ORGANIZATION:** The Council has a number of committees concerned with the broad issues of Activities, Academic Projects and Policies, Housing and Community Affairs, and Publications, all of which are co-ordinated by the Executive Committee. The committees' basic functions are to take care of details and suggest action to the whole Council which discusses, deliberates, and makes decisions. It's sometimes questionable whether all this works, but we try. Our success rate has been excellent.

**ACTIVITIES:** The GSC supports a number of graduate-oriented organizations and activities at MIT. A few include the Tech Wives Organization, the Muddy Charles Pub, teaching awards for instructors of graduate courses, and *HoToGAMIT*, a "How To Get Around MIT" manual. We also provide funds for supplementary budgets for social activities at the departmental level. This year, we ran fall and spring orientation programs for incoming graduate students, providing food, friendship, and information. We feel this was a success and plan to do it again next year. We annually sponsor a luncheon for all the departmental graduate office secretaries, in an attempt to coordinate and improve communications and activities regarding graduate students at that level.

The GSC nominates graduate students to represent our interests on a wide variety of Institute committees, including the Stockholders and Board of Directors of the Harvard Co-operative Society (the Coop), the Corporation Joint Advisory Committee on Institute Wide Affairs (CJAC), and the Committee on Graduate School Policy (CGSP).

## ISSUES:

(1) **GRADING.** At the graduate level, many departments have their own standards regarding grading and the granting of degrees. In many cases, these standards are not publicized. We have worked towards an "open door" policy and the standardization of these criteria Institute-wide.

(2) **ATHLETICS.** Scheduling priorities for the use of activity areas (e.g., the swimming pool) has placed the "casual" user at the bottom of the list. With intercollegiate, intramural, and club activities receiving top priority for scheduling, graduate students, who make up a large segment of the "casual" user population, have little

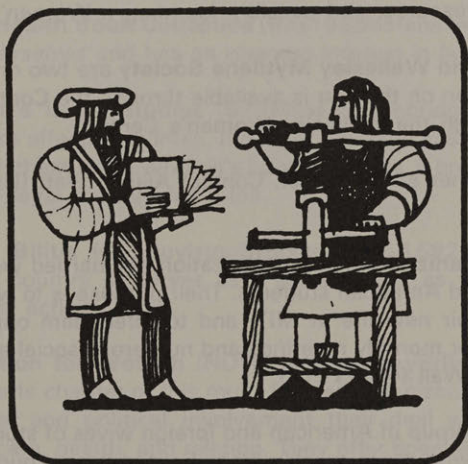
opportunity to avail themselves of the facilities. Two examples of this are the incredible crowding at the squash courts and during many "open swimming" periods at the Alumni Pool.

In the past, there has been very little effort on the part of the Athletics Department to acquaint graduate students with the opportunities and facilities available to them. Hopefully, this will change with a new "flyer" to be distributed to graduate students on Registration Day this coming fall.

(3) **REGISTRATION.** Present registration procedures require extensive duplication of information on a myriad of forms. We're presently studying ways to improve the efficiency of this system, both for students and the administration.

Other issues which we have been continually concerned with are funding for graduate students, guidelines for research and teaching assistant responsibilities, and discriminatory practices in the funding of undergraduate vs. graduate extra-curricular activities.

**HOW AND WHY TO GET INVOLVED:** If you have any feelings on these or any other ideas, please let us know. If you, as a grad student, are having problems with the idiosyncracies of MIT call us . . . perhaps we can help, and we'll do our best! We're located in Walker Memorial on the main floor (50-110) strategically in front of the Muddy Charles Pub. Our telephone number is ext. 3-2195. Our administrative secretary is Peggy Hunter.





## HoToGAMIT

advice and contraceptives are available on a confidential basis to those who wish them. For more information, call the Medical Department.

If you should find yourself discriminated against because of your sex, notify Mary Rowe (10-215,x3-5921), Special Assistant for Women and Work, who is specifically concerned with the quality of life for all women connected with MIT.

Women's groups at MIT include:

**Association of MIT Alumnae (AMITA)** meets regularly. They also serve as an organization in which current students may meet with alumnae to discuss careers, chat informally, etc.

**Association of Women Students (AWS)** is run by students under the guidance of Dean Anne Thompson. The projects it undertakes are determined by the members and can range from finding speakers, giving support to the women's sports program, serving as an information resource, and possibly founding a Women's Center at MIT.

**MIT Lesbian Causus and Wellesley Mytilene Society** are two organizations for gay women. More information on the first is available through the Contact Line (x3-5440) and on the latter through the Wellesley Women's Center.

**Sojourner** is MIT's women's newspaper. Contact Allison Platt (NE43-425,x3-5856) for more information.

**Technology Wives Organization** is an organization for married women students and wives of both foreign and American students. Their purpose is to welcome women, to help them adjust to their new life at MIT, and to offer them opportunities to form friendships. They sponsor monthly meetings and numerous social events. For more information call Barbara Wall (484-1716).

**The Wives' Group** is a group of American and foreign wives of students, staff, faculty, and visiting scientists who meet weekly from September through June to get acquainted, hear invited speakers, and generally to become familiar with MIT and the communities in which newcomers live. Babysitting is provided. The group is informal, and new members may join at any time during the year. The group has produced *The Wives' Notebook*, an information guide to help families new to MIT get to know people and organizations that can make their stay in the Cambridge community easier. For more information, call the discussion leaders: Dr. Schwartz (x3-2916), Mrs. Rodrigues (x3-1684), or Mrs. Hulsizer (x3-2968). For copies of *The Wives' Notebook* come to 12-128B.

**Women's Advisory Group** is a representative committee of all the women's groups at MIT which serves as a lobbying group for improvements or decisions affecting MIT women. Representatives are appointed. For more information, contact Mary Rowe (10-215,x3-5921).

**Women's Athletic Council** consists of representatives from each women's team at MIT for the purpose of furthering development of athletic programs and facilities for women. (MIT has an extensive women's athletic program. There are varsity basketball, tennis, fencing, swimming, sailing, and crew teams, as well as synchronized swimming, softball, gymnastics, and volleyball clubs.)

**Women's Forum** members include all women at MIT. They meet regularly to discuss a wide variety of topics and offer a good opportunity for faculty and students to get together. They have a mailbox in 24-017, or call Betty Campbell, x3-6067.

**MIT Women's League** includes all wives of faculty, administrative and research staff, and female staff members. They have a meeting room (Emma Rogers Room, 10-240) and an adjoining office (x3-3656). In addition to having special programs, members are involved in a number of projects that benefit the community at large, e.g. Furniture Exchange, English Classes for Foreign Wives, Fall Foliage Tour, Plant Sale, Christmas Convocation, MIT-Red Cross Blood Drives, Seminar Series, and the Newcomer Welcoming Committee.

Off-campus women's organizations include:

**Boston Women's Collective, Inc** (490 Beacon St Boston, 266-2620) is a non-profit organization that researches and publishes educational materials.

**Boston Women's Health Book Collective** (Box 192 Somerville 02144) has written the book *Our Bodies Ourselves* and has an ongoing interest in health care and services.

**Center for Women's Legal Studies** (678 Mass Av Cambridge, 492-5200) does test litigation on problems affecting women. If they accept your case, their services are free. Also connected with them is the Women's Law Collective, a group of women attorneys who handle private legal matters for a fee.

**Daughters of the Bilitis** (419 Boylston St Boston, 262-1592) is the oldest lesbian organization in the country. It serves as a social group as well as providing some counseling and legal action.

**National Organization for Women (NOW)** (45 Newbury St Boston, 267-6160) is the eastern Massachusetts chapter of this multi-faceted organization for men and women. Through educational and political involvement they deal with issues of abortion, employment, child care, health, and religion. They offer speakers' bureaus, legal referral, and consciousness-raising groups.

*There can be no free men until there are free women.*

— unknown

## Loose Ends

The following organizations didn't fit into any of the headings used in the chapter.

**Black Students Union** (50-105, x3-2022) sponsors many social activities on campus. On-campus lobbying, volunteer work in the local communities, and tutoring are other BSU activities.

**Electronic Research Society** (20B-119, x3-2060) is a clearinghouse for on-campus electronics hacking. Members can buy through the Society at discount prices.

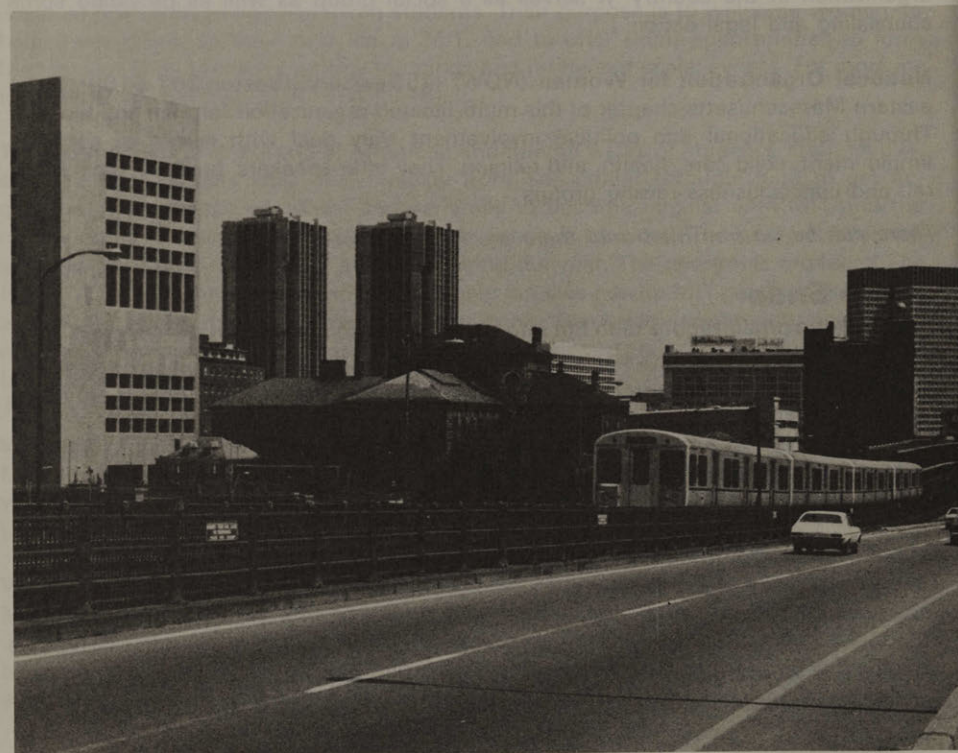
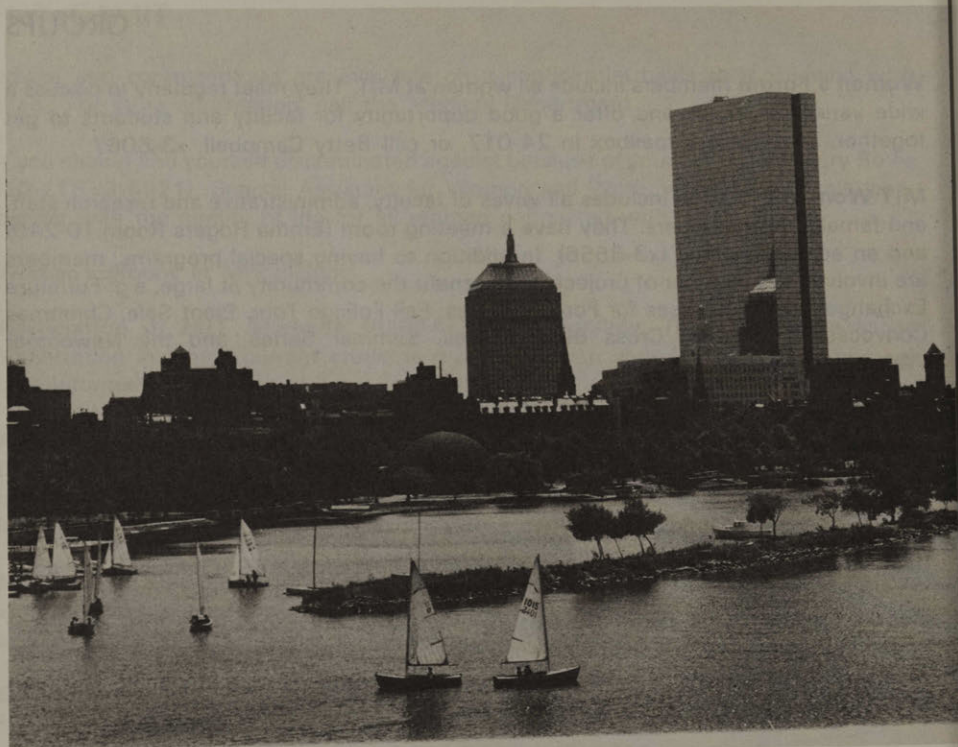
**Social Action Coordinating Committee** (50-304) coordinates leftist activities on campus. They are the only active political group left over from the sixties.

*A committee is a life form with six or more legs and no brain.*

— Robert Heinlein

**Vegetarian Community** (W20-401, x3-2696) distributes restaurant and shopping guides, has monthly pot luck dinners, and conducts cooking classes.





# Financial

**Finance**, *n.* *The act or science of managing revenues and resources for the best advantage of the manager. The pronunciation of the word with the i long and the accent on the first syllable is one of America's most precious discoveries and possessions.*

— Ambrose Bierce, *The Devil's Dictionary*

## Paying the 'Tuteing Piper

### Financial Statements

MIT Financial Statements arrive before the start of each semester. If you think the Institute screwed up your financial statement, contact the Student Accounts Office (E19-215,x3-4133). However, before you jump to hasty conclusions, remember that invoices are random, and the bill you receive may include a debt that you have already paid.

### Where to Make a Payment

Payments to the Institute can be made at 10-180. Mailed payments can also be addressed there.

*Tuition is \$250 per year. But that's not including breakage.*

— MIT Handbook, 1916

## Financial Aid

### Undergraduates

Money for undergraduates normally comes in package deals, part scholarship, part loan, part term-time job. The amount of each is determined by the people in the Financial Aid Office (5-119,x3-4974) from data you and your parents have given them. The resources are very tight, but it is there to be used, so if you need money go check things out there; don't give up. Also remember that deadlines are in January for the upcoming school year, so get your finances straightened out before IAP, if possible. **Caution:** Your term-time job award does *not* guarantee you a job when you arrive at MIT. It means that MIT expects you to contribute that amount to your support by working (or some other suitable means, i.e. loans) while at MIT.

### Graduate Students

The Graduate School Office and your own department's Graduate Committee have the information needed to apply for financial aid. The pamphlets *MIT Financial Support for Graduate Students* and the *Graduate School Manual*, which are available through the Graduate Student Office (3-134,x3-4860), are very good references. Most financial aid programs have early application deadlines, so get to work early.



The Graduate School Office can be particularly helpful with applications for national and MIT fellowships. You can get advice on fellowship opportunities, an advance on your funds, and other information.

It is better to apply for a 12-month federal fellowship than a 9-month fellowship; your chances are as good, and after you receive the reward you can change it to nine months without any trouble. The reverse is much harder.

You will find that your department is instrumental in almost all financial support decisions. It also has an intimate grasp of what opportunities are available, both inside and outside MIT. Be sure to keep in touch with both your advisor and department headquarters.

Between 80 and 85% of grad students are receiving some sort of financial aid through MIT, their governments, an outside foundation, or some other means.

There are Research Assistantships (RA's), Teaching Assistantships (TA's), Federal Traineeships, industrial grants, MIT awards and other random sources of income for graduate students. Some of these kinds of support, e.g. RA, TA, are obtained from the department, while some come through the Graduate School Office. Other sources such as state and federal loans come through dealings with the Financial Aid Office.

There are some legalities involved; RA grants are usually tax-free, while TA grants are not. Foreign students are not usually eligible for Federal fellowships. Be careful to read all the fine print. Your department and the Grad School Office should be able to help out.

*It depends how carefully you think about it. If you don't think very carefully it's obvious, but if you think very carefully you'll get confused and it won't be obvious.*

— Professor Baltay

### Loans

Both undergraduates and graduates apply for loans at the Financial Aid Office (5-119,x3-4974). Although scholarships are disbursed on a scheduled basis, loans can often be arranged to fill unforeseen gaps in your budget. Jobs are sometimes provided for the same purpose. **Note:** If you are granted a loan, be sure to go to the Student Loan Office (E19-225) and sign for it at the beginning of the term. Otherwise it is likely to go away in a month.

**Emergency Loans:** See **Emergency Information** in the front of this book.

### Academic Performance vs. Financial Aid

Academic performance has no great effect on the grant-to-loan ratio for undergraduates. However, it remains important for graduate students.

### So the Financial Aid Office Screwed You

1. Try a different interviewer. Impress upon the person that you *need* the money.
2. Get in on your state loan program; check with the Financial Aid Office. In most cases, the loan will be interest-free until you get out of school, grad school, the Peace

Corps or military service.

3. Have your parents get a loan from their bank.
4. Try to get a term-time job. Check at the Student Employment Office (5-122), which is across the hall from the Financial Aid Office.
5. Veterans, check on your VA benefits with Associate Registrar Mrs. Bond (E19-335,x3-4784). She handles VA and Social Security liaison with the Federal Government.

*The only things one should be really anxious about are the means of mastery of the waves of the sea — and, worst of all dangers, the minds of those avid for profit and greedy of gain.*

— Chang Hsieh (17th Century)

## Special Payments

There are special advisors, assigned by classes for undergrads and by schools for grads, in the Student Accounts Office. Check for yours in the yellow section of your *Student Directory*.

The DSA Office has the power to let students pay tuition on a per unit basis, so check with them concerning any problem you have. They can also help you if you feel that you have run into extraordinary difficulties and you don't want to pay full tuition e.g. family emergency that caused you to leave school for seven weeks, then return just in time to flunk your subjects). Every case receives individual treatment, and the deans are understanding in cases of genuine problems. Check with them (5-104,x3-4861, or 7-133,x3-6776).

## Work

### Jobs During the School Year

Finding a job is not too difficult; finding a good one demands luck, intelligence, initiative and perserverance. During the school year there are a multitude of jobs open to students, despite the competition of more than a quarter-million students around Boston and the present job squeeze. Over the summer, things get tighter, but if you start looking far enough in advance you can normally find something.

Contrary to popular belief, there *are* jobs to be had in and around MIT. During the school year over 3,000 undergraduates seek and locate part-time employment on campus ranging from working desk in the dormitories to operating the MIT reactor. The Undergraduate Research Opportunities Program (UROP) publishes a booklet each year listing hundreds of professors and labs and their areas of research. UROP will provide partial or complete funding (up to a certain limit) if you start your project during the spring term and apply for summer funds early. When looking for a job, your first stop should be the Student Employment Office (5-122). They maintain listings of jobs within MIT and the Boston area. They provide contacts; you must follow them up. Other places to check are the dining halls, the libraries, and the dormitories.

You should remember that getting an education is your present goal, and it is probably



# HoToGAMIT

easier to hit someone for a loan than to work 24 hours a day. For ten to twelve hours a week, you can expect to earn \$900/year.

Two jobs that are almost always available:

1. Psychology experiments. Quick, easy, small money. Call x3-5749 or x3-5751, or check 9.00 or 9.60 lectures.
2. Dietary experiments. Slow, bad-tasting and restrictive, featuring complete measurement of dietary input and output, big money. Call Edwina Murray (56-129,x3-6729).

Campus publications (including *HoToGaMIT*) are always looking for people to sell ads — it's hard work, but usually pays a commission of at least 10%.

Keep your eyes open for opportunities within your department. Ask around for labhacking jobs. Drudge work might turn into interesting research with reasonable wages, a desk of your own and possibly a thesis topic. You can help your chances if you know what the professor from whom you're seeking a job is working on. Do a little reading and walk in with a proposal or two. It also helps if you're interested, but that comes later. An especially good tack is to work on the details of a problem that the grad students won't do.

## Summer Jobs

Decide what you want to do over the summer before Christmas, so you can visit hometown firms over the winter vacation and beat the rush (not by much).

**Note:** Some large cities have MIT alumni clubs which may invite you to a gathering over Christmas vacation. A good many of these alumni are likely to be businessmen with jobs available for students from their alma mater. Check with these gatherings if you're looking for an interesting summer job.

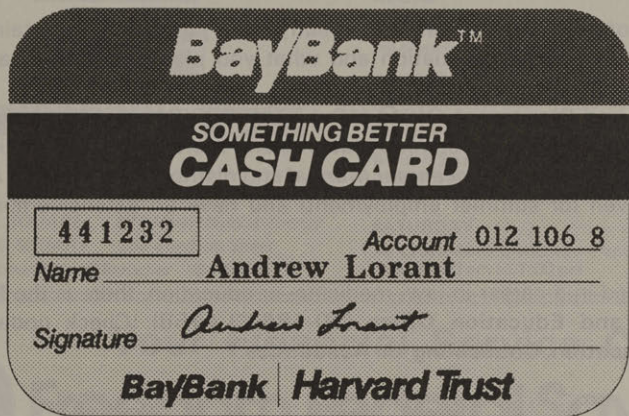
*The true test of intelligence is not how much we know how to do, but how we behave when we don't know what to do.*

— John Holt

A few basic principles are given below:

1. If you're preparing a resume be clear and precise. Don't undersell yourself, but don't make claims you can't substantiate. Use your good sense and you should be able to present a good resume that will enhance your job chances. Be sure to have some good references in mind. (See **Getting a Recommendation in Academics.**)
2. Check your abilities. Do you speak a foreign language? Can you program computers? There are often vacancies available for people with esoteric skills, even though the general job market is bad. You might even try looking for a foreign job.
3. There are some openings with the state or federal Civil Services. Unskilled or semi-skilled government work isn't the greatest thing in the world, but it's available and it

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won't tax your mind. If you want to take a Federal Civil Service Exam, contact the Placement Bureau or call 223-2571 for information (try not to call between 11am-2pm, as you'll probably only get a recording). For state civil services, check with the particular state.

4. If you're around Boston and can't find another job, try some of the odd jobs listed in the *Boston Phoenix/B.A.D.* or the *Real Paper*. They might provide interesting non-academic employment (e.g. carpentry, electric wiring, etc.).

## Permanent Employment

*After about four glorious years at the Institute, the MIT graduate is usually ready to go out and face the dark, cruel world on his own. This means that the student must decide how he can make the money roll in.*

— Social Beaver, 1958

No matter what you intend to do, get started early. Your junior year is certainly not too early to start thinking about graduation and what you plan to do afterwards.

**Career Planning and Placement Office** (10-140,x3-4733) serves both students and alumni. They sponsor meetings between students and recruiters. Check their office for schedules. They also publish a *Placement Manual* and distribute the *College Placement Annual* (helpful even for summer employment) and have an extensive library of job contacts.

If you are interested in a career in law, medicine, or education, there is the **Preprofessional Advising and Education Office** (10-186,x3-4158). Check under **Prelaw**, **Premed** and **Education Counseling** in **Academics**.

The following can help you locate permanent employment:

1. **Your department** *should* be able to offer career guidance, and your advisor *should* be capable of helping you sort out possibilities, with special knowledge of your abilities and preferences. Also try the professional societies such as IEEE, ASME, and AIChE.
2. The **Industrial Liaison Office** (39-623,x3-2691) keeps in close touch with companies around the world. Though its main function is not career counseling, but rather industrial liaison, you might try to get an advisor in ILO. Try hard.
3. The **Center for Advanced Engineering Study** (Building 9), like the ILO, is pitifully underused. Its basic function is to give advanced and refresher education to scientists and engineers working in industry, but you can use it to find out where things are in the outside world, who's working on what, and to build contacts with workers in your field.
4. If you need to bolster your reasons for choosing or considering a particular career, see the deans or the psychiatrists; they can help strengthen your case if you're getting hassled about your career choice.

*Another difference between Milton and myself is that everything reminds Milton of the money supply. Well, everything reminds me of sex, but I keep it out of the paper.*

— Robert Solow, in a published reply to an economics paper by Milton Friedman

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Home Office:  
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Worcester, Mass. 01608



## Money

### Banks

A survey was taken in June 1976 and the results are shown in the chart on the following pages. If you find any inaccuracies or omissions, don't hesitate to send in a feedback sheet! The banks included are those with branches near campus.

Banks fall into two categories: savings banks and full-service banks. The savings banks tend to offer higher interest rates on savings and have more types of savings accounts. Full-service banks have better checking arrangements, but charge more.

Some explanations for notation used in chart:

**NOW** — Negotiated Order of Withdrawal. This is a combined type of savings and checking account. You get interest as in a savings account but you can write checks free or for a small charge.

**90-day** — a savings account in which you agree to give 90 days notice before making any withdrawals. The interest rate is higher, but there is usually a high minimum balance (around \$1000).

**passbook** — a savings account in which all transactions are recorded in a small booklet.

**R** — Thursday (M = Monday, T = Tuesday, W = Wednesday, . . .)

**statement** — a savings account for which you receive a monthly listing of all transactions. The interest rate is usually higher than passbook.

### Cashing Personal Checks

You can cash personal checks up to \$100 (or larger, with the approval of the Bursar or Assistant Bursar) at the Cashier's Office (10-180, open 9-3). An MIT ID is required, and there is a 20¢ service charge. No third-party or payroll checks are accepted.

Of course, the bank at which your account is held will cash checks drawn against it free of charge. Banks are generally open 9am-3:30pm Monday through Friday, and some feature extra hours each day and/or Saturday. Otherwise, if you need cash between 3 and 5 on weekdays, go to the Cashier's Office at the Harvard Coop in Harvard Square to have your check approved, then go to the Cambridge Trust Co. office (100 yards away; the cashier will give you directions) to get it cashed.

**Note:** If your account is in one of the Shawmut banks, your checks cannot be cashed by other banks in the Shawmut Association — you *must* go to your own bank.

Many supermarkets in the area cash checks for a 15¢ service charge if you have a courtesy card for that store. Apply for one at the customer service booth. The limit on how much you can cash varies, but averages around \$35 for a personal check, somewhat more for a paycheck.

*Success is a rare paint, hides all the ugliness.*

— John Suckling (1609-1642)



## DEPOSIT A FRIEND AND GET A FREE CHECKING ACCOUNT.

If you open a checking account at Cambridge Trust and have one of your fellow students open one, we'll give you yours free. That means no service charge, no maintenance charge and no minimum balance. Your friend's account will be free if he or she gets someone else to open an account.

In case you're not familiar with Cambridge Trust, our main office is across the street from Harvard Yard. You'll probably pass it on your way to class. And our Kendall Square office is the closest bank to MIT.

To open your account, come in and see any officer or receptionist. Select your checkbook, make your first deposit, and we'll give you a referral slip, which you sign and give to your friend. When he or she brings or sends it in with a first deposit, your account will be free.

It's a good offer. So be sure to tell your friends!

## Cambridge Trust Company

Harvard Square: 1336 Mass. Ave. / Kendall Square (MIT) 326 Main St.

358 Huron Ave., Cambridge / 876-5500

Hours: All offices; M-F, 8:30-3:00. Drive-up: 8-5. Walk-up: 8:00-8:30 and 3-5.

Huron and Harvard offices only: Sat.: 9-12:30

This offer is valid through October 16, 1976.



LOCATION	PHONE/HOURS	SAVINGS	CHECKING
<b>BayBank/Harvard Trust</b>			
Harvard Square	876-1700	5% statement compounded daily	NOW—5% interest; no service charge; \$200 minimum balance
Central Square	All branches M-F 8:30-5 plus S 9-1	5½% 90-day	Regular Checking—free, with no minimum balance;
Kendall Square	plus R 'til 6, S 9-1		\$1 in savings required
Technology Square	plus F 'til 6, closed S Closed S		
<b>Boston Five</b>			
10 School St. Boston	742-6000	5¼% passbook	NOW—5% interest, no minimum balance, no charge for checks
Boylston St	M-F 8:30-4	5¾% 90-day notice	
Tremont St	M-F 8:5:30; S 10-2		
Washington St	M,W 9-6; T,R,F 9-3; S 10-2		
	M-F 8:30-5:30; S 10-2		
<b>Cambridge Savings</b>			
Harvard Square	864-8700	5¼% passbook	NOW—5% interest, first 5 drafts/month free; charge of 10¢ per draft on remainder; all drafts free with \$500 minimum balance
Porter Square	M-F 8:5:30; S 9:30-12:30	5¾% 90-day	
Shopping Center	M-F 10-5; R 10-7; S 10-2	higher rates on term deposits	
Kendall Square	M-R 8:30-3; F 8:30-6		
<b>Cambridge Trust Co.</b>			
Harvard Square	876-5500	5% passbook	Several types of free checking accounts
	M-F 8:30-3; 8-5 outside window; S 9-1	5½% 90-day	Otherwise \$ .15 per draft
Kendall Square	Same, except closed S		
<b>Cambridgeport Savings</b>			
Central Square	876-2240	5¼% passbook	NOW—5% interest, free, \$10 minimum balance
	M-F 8:30-5; R 'til 6	5¾% 90-day	
	S 9-1	higher rates on 1-4 year term accounts	
<b>Charlesbank Trust</b>			
124 Broadway (Kendall Sq)	864-4444	5% statement compounded quarterly	Free with \$100 min. balance or \$10 in savings account;
	M-F 8:30-5; S 10-1	5½% 90-day	charge is \$3/month if below min. Also has no-min-balance checking with charge of 10¢/draft, 60¢/month
	drive-up window: same except R, F 8:30-6		
Central Square	M-F 8:30-5; R 'til 6; S 10-1		
Harvard Square	same as Central Square		

<b>Charlestown Savings</b> 72 Summer Street, Boston Boylston Street Commonwealth Ave. and other offices	482-2000 M-F 8-5:30 M-F 8:30-5:30; S 9-1 M-F 8:30-4:30	5¼% passbook, \$10 min. 5¾% 90-day higher rates on 1-10 year term accounts	NOW—5% interest; \$10 minimum balance
<b>Coolidge Bank and Trust Co.</b> Harvard Square Kendall Square	926-7000 M-F 8-4, 4-5 walkup M-R 8:30-5, F 8:30-6 24 hours at automated banking terminal with special card from bank	5% interest compounded daily	NOW—5% interest, free, no minimum balance
<b>First National Bank of Boston</b> 91 Mass Ave. Kenmore Square and other branches	434-3440 M-F 9-4:30 M-W 9-4:30; R-F 9-5:30 24 hours at automated banking terminal with special card from bank	5% statement 5½% 90-day (\$100 min.)	NOW—5% interest, \$200 min. balance Regular checking—free with \$5 in savings account; otherwise 75¢ per month plus other fees
<b>Freedom Federal Savings</b> Harvard Square 681 Mt. Auburn, Cambridge Fresh Pond Shopping Center	876-8128 M-F 8:30-5; S 9-1 M-F 9-8; S 9-1 M-W 10-5; R-F 10-8; S 9-1	5¼% passbook 5¾% 90 day	NOW—5% interest
<b>Shawmut County Bank</b> Central Square	661-5000 M-W 8:30-3, 3-5 walkup R 8:30-6; F 8:30-5	4½% passbook 5% statement	NOW—5% interest, free with \$100 min. balance or with \$500 in savings
<b>State Street Bank and Trust Co.</b> 130 Mass. Ave. many more branches	786-3912 M-F 9-4	5% statement 5½% 90-day	Free checking with \$1 min. in savings (they'll give you the \$1 to start you off); no service charge, no charge for checks



## Income Tax Information

**Federal:** Check with the Internal Revenue Service in the JFK Building downtown (Government Center Boston, 233-3431).

**State:** Check with the State Corporations and Taxation Department (100CambridgeStBoston, 727-4545).

**Foreign Students:** Call the Alien Tax Information Office, 223-3446.

## Credit Cards

Following the national trend toward cashless purchasing, many stores now accept various kinds of credit cards. In addition to the various general cards, such as Master Charge or Bank Americard, there are many store-specific credit cards such as those issued by Jordan Marsh, Filene's, and many other large department stores. For a student to obtain any credit card may be difficult, however. The major obstacle is the requirement of an income of at least \$9,000 a year (in some cases, more). This is enough to prevent most full-time students from obtaining a card. However, some agencies will allow you to get a card if your parents are willing to sign a letter guaranteeing that they will pay your unpaid bills. Your best bet is to check with the individual store or company about this procedure.

There is one notable exception to the hassle over obtaining credit cards, namely the **Coop** card. Coop cards are easy for students to obtain (check with Customer Service in back of the Tech Coop), and entitle the owner to full charging privileges at any branch of the Harvard Cooperative Society. As with any credit card, you have to pay the full amount of purchases charged each month, or pay a monthly finance charge (maximum of 1½% per month).

Along with credit cards have come credit card thieves, who are expert at changing the signatures and even the photographs on a card, and running up tremendous bills with it. If your credit card is lost or stolen, report it immediately. Most cards carry a liability limit of \$50 or less, but the trouble and inconvenience associated with forged charges and getting a new card make it worthwhile to keep careful watch on your credit cards. After you report the loss of a credit card to the bank, you cannot be charged for purchases made on it, even below the liability limit. It is a good idea to keep a list of all credit cards and numbers to be able to report a stolen card. Also be sure to check out liability commitments for each credit card you have; if the limit is unacceptably high or non-existent, get some insurance on your cards (available at most banks).

## Insurance

**Insurance.** *n.* An ingenious modern game of chance in which the player is permitted to enjoy the comfortable conviction that he is beating the man who keeps the table.

— Ambrose Bierce, *The Devil's Dictionary*

The most important point is to find a reputable insurance company. This, among other things, means going to a state-licensed agent who represents a well-known company. Rates don't vary at all in Massachusetts. Buy your insurance elsewhere if you can. Beware of salesmen who add "service charges" on top of the normal bill. Be cautious also about mail solicitations. Above all don't be afraid to ask questions and make sure you know all the details before signing.



# FREE T-SHIRT

Students, stop in at our Harvard Square or Kendall Square office and get your free Cambridge Savings Bank T-Shirt.\* And while you're there open a NOW-Checking Account that earns interest.

\*Student I.D. required, one to a student while the supply lasts. Available at our Harvard and Kendall Sq. offices only. Member FDIC.



**Automobile:** See **Insurance** in the **Travel and Transportation** section.

**Personal Property:** In general if you are still part of your family's household, i.e. you are still a dependent, your personal property, including bikes and stereos, will be covered by any standard homeowner's policy. If you are not covered in this way, you can take out a tenant's policy which is generally a "\$50 deductible" policy (i.e. you pay the first \$50 of any loss). The premiums vary from about \$50-100 for about \$7,000 worth of insurance (generally a minimum), so check what you have and decide if it's worth it.

**Operation Identification:** To reduce the chance of theft (and increase the chance of having your possessions returned if they are stolen), Campus Patrol is participating in "Operation Identification." Under this program the Patrol has electric scribers available for loan, so that you can engrave your Social Security number (ID number) on your cameras, stereos, etc. This permanent marking makes the property readily identifiable as yours, and thus harder for a thief to sell.

**Life Insurance:** If you do decide to buy life insurance, Savings Bank Life Insurance (available at any bank with the words "Savings Bank" in the title) is the best deal you can get as a Massachusetts resident.

**Student Life Insurance:** Unless you already have dependents, there is absolutely no reason to insure yourself. Even if you should die before you have paid off your educational loans, they will be waived automatically, and your parents will not be hit with an unexpected debt. Don't be taken by promises of preferential rates later when you sign up for full insurance; by the time you need it you will have a much better idea of what you want. Check with a lawyer if you want further details.

**Medical Insurance:** See **Medical**.

*What the hell do they want for a lousy 35 cents, to live forever?*

— John Godey, *The Taking of Pelham 123*

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# Housing

Living conditions can affect both your social and academic success while at the Institute. Accordingly, great care should be taken in deciding where to live, since transfers become increasingly difficult as the extent of the change increases (see **Moving Between Modes**).

**Note:** Like most large urban areas, Boston and Cambridge have an ample supply of individuals who make it their business to relieve you of any movable item not securely locked away. *Don't say we didn't warn you!*

There are four types of housing available to MIT people: dormitories and on-campus apartments, fraternities, MIT-affiliated independent living groups, and off-campus apartments. Students with housing problems can turn to Ken Browning in the DSA office (7-133.x3-4051). All students can consult the Off-Campus Housing Service (E18-301.x3-1493) for help with off-campus housing. Drs. Koumans and Jenney, Institute social workers, also consult on housing problems.

## Dormitories

The best places to find information on dormitories are the *Undergraduate Residence Handbook* and the *Graduate Residence Handbook*. Both are available from the DSA office (7-133). A few homemaking hints for dorm residents are listed below.

### Physical Problems with Dormitories.

The desk staff and house manager can handle a wide variety of problems arising from the physical considerations of the dorm. Some dorms have listings of services provided, either posted or available for inspection. Ask. Complaints about desk staff should be made to the staff captain.

If you have a complaint concerning a violation of house rules, first try to talk with the other members of your living group to organize some social pressure on the offender. If that doesn't work, go to the local Judicial Committee. Failing that, try the Dean's office (7-133.x3-4051).

**Humidity** — During the winter, low humidity seems to be quite common in dormitories. If you continually wake up in the morning with a sore throat, try placing a few cans or dishes of water on the radiator. You'll be surprised how fast the water goes away, and even more surprised by what it leaves behind.

*It is perfectly clear that this is very ambiguous.*

— Ralph Feldberg



**Painting or Remodeling a Room** — The Institute provides free paint of whatever colors desired to residents of East Campus, Senior House, and Bexley, once per year per room. To get paint, go to the Housing Office (E18-307) and choose your hues; the paint will be delivered to the dormitory desk. Residents of other dorms should check with the manager before touching a brush to the wall as they may be forced to pay to have the walls returned to their original color. The architects selected the original colors and their artistic reputation rides on everyone tolerating them.

Non-destructive remodeling is OK in most cases as long as the room can be restored to its original state. The newer dorms tolerate less self-expression but if you wish to do something, check with dorm authorities first! Painting in the newer dorms may be considered a serious offense. Your \$50 deposit will be refunded when you leave the dorm system, provided your room is no worse for your having lived there, except for normal wear and tear.

**Pets** — Pets are not allowed in the dormitories. While this rule has not been rigidly enforced in the past, complaints have increased recently. Tolerance of any animal's stay is subject to veto by any member of the living group since the Housing Office will then have to enforce the regulation. If you want to keep your beloved animal, make sure that your neighbors are not disturbed by noise, smell or sand trays in their way.

**Wild Animals (Squirrels, Snakes and Bugs)** — Despite appearances, the squirrels living on the East Campus are *not* tame. When frightened, they lose control over bodily functions and run around frantically tearing up everything in their paths. They bite.

Don't leave food lying around your room in cardboard containers or plastic bags — the squirrels will gnaw through the window frame if they smell anything. Also, some of the biggest cockroaches in the East, as well as assorted mice, caterpillars, mosquitos and other vermin, inhabit those "verdant, ivy-covered halls," especially during the summer. They won't cause any problem, as long as you keep the windows closed or install a good screen.

**Waterbeds** — Waterbeds are allowed in dormitories, provided that the floors are deemed strong enough to support them safely. You'll need to get the House Manager to approve the model and inspect the installation. As long as you treat the waterbed with care and don't puncture it accidentally, there should be no problems.

**Refrigerators** — In some dorms, refrigeration space in a suite refrigerator is included with the room rent. If you don't get one or need more space, you can buy a used one from another student or one of the several used-refrigerator dealers in the area (check the bulletin boards and the Yellow Pages). In Ashdown, you can rent one from the house for \$20/year. Additional refrigerators may require permits from the house manager.

**Telephones** — Undergraduate dorms are equipped with dormphones. For operation and tie-in to the Centrex system see **Telephones**. Outside service can be arranged individually with the New England Telephone Co.

*Never follow a crowd.*

— Bernard Baruch

**Locked Yourself Out of Room** — With the advent of new doors and real locks in some dormitories, it has become much more difficult for the locked-out resident to pick his own lock. If the time-honored Coop card or coat hanger don't work, go to the desk and sign out a spare key (which is easier, and less suspicious-looking besides). If the desk is closed, find the night watchman or, in desperation, call the Campus Patrol, which has keys to everywhere. In most dorms, the president and chairman of the Judicial Committee also have master keys.

**Valuables** — Easily removable valuables, such as jewelry, money, watches, etc. should never be left unguarded in a dorm room, even for a short period of time. On lower floors, keep TV's, stereos, radios, tape recorders and the like out of easy sight through your window — no point in inviting trouble.

**Bicycles** — Most dorms have a semi-secure place to lock up your bike. However, lots of people use these areas. Some may be careless and leave gates unlocked, reducing the security to the level of any back street in Cambridge. Others may be involved in bike theft. New and/or expensive bikes are safer for each additional lock between them and the bike market.

### Room Differentials

Some dormitories give recognition to the unequal desirability of rooms by charging slightly different rents for different rooms. Factors that cause differentials include: number of people using kitchen and bathroom facilities, common space, closets, view, elevator service, trash collection, etc. The exact cost of your room will be charged to you on your financial statement.

### Liability for Damages

Your \$50 deposit is intended to cover the minor damages you might cause during your years in the dorm. You can be assessed for a share of any damages in your suite or floor that cannot be pinned on an individual. Additional damages above the \$50 will be billed to you. This bill must be paid before you can receive your degree.

*What is a cynic? A man who knows the price of everything and the value of nothing.*

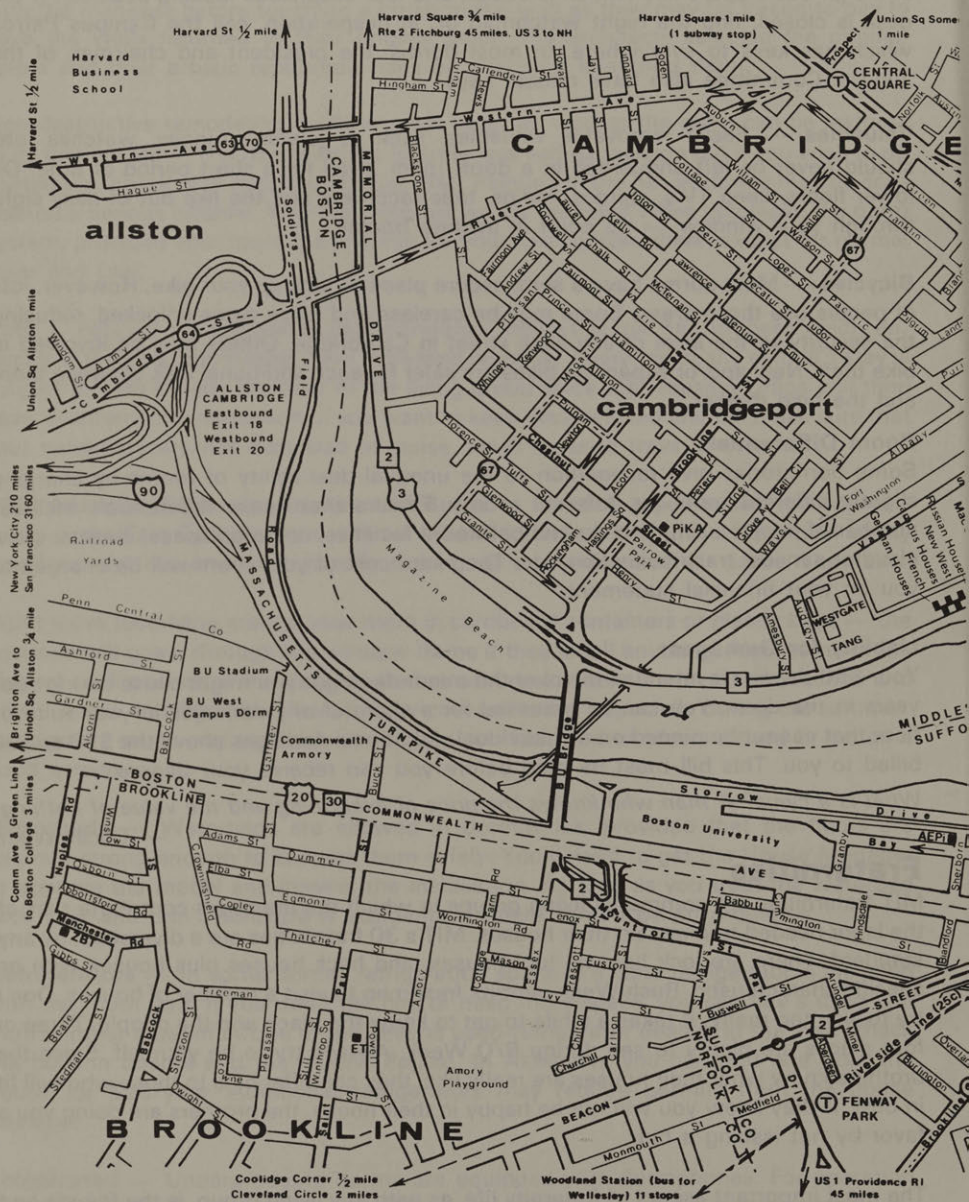
— Oscar Wilde

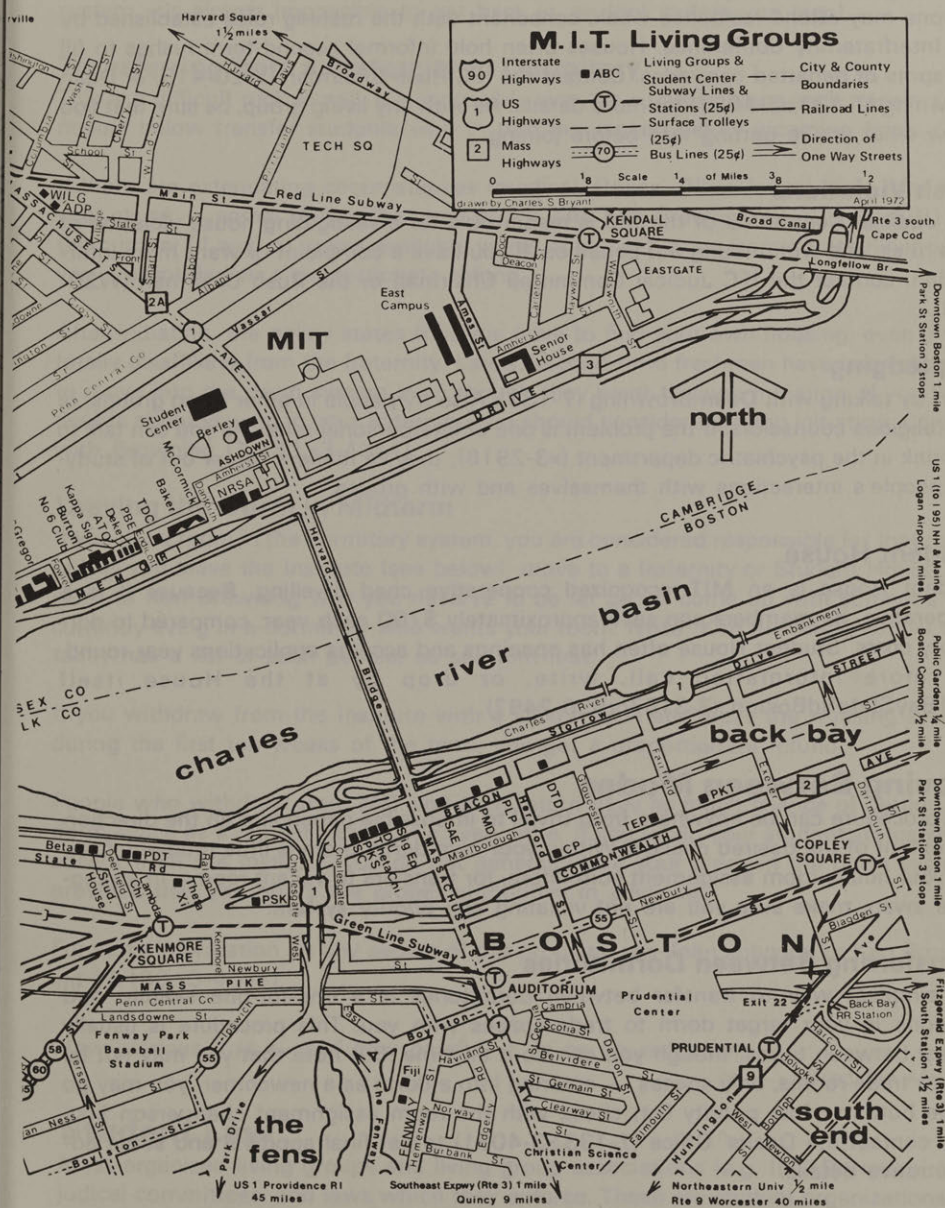
## Fraternities

MIT fraternities are communal living groups in which the members contribute part of the labor needed to maintain their houses. MIT's 30 fraternities are a diverse lot by any standard. There are jock houses, tool houses, and hack houses plus houses with no specific characteristic. Rush Week permits freshmen to visit a number of houses. Don't try to visit too many; it takes a while to get to know the place and the people. Three or four places are plenty to see during R/O Week. Always try to be yourself. Since the brothers know what their houses are really like, they can offer bids to those who will fit in best. If they know you will not be happy in their house, the brothers are doing you a favor by not issuing a bid.

The most important aspect of fraternity life, as with any living group, is the friends and neighbors that you will come to know. Also, since each fraternity is independently run, there are many opportunities to get practical experience in dealing with people and managing finances. Physical advantages usually include telephone and linen services, meals, and a chance to get away from the Institute.









This last point is also a disadvantage, as most fraternities are a fair distance from MIT (though six are on campus). Also, you are expected to help run the house in order to keep house bills at their low level.

### Joining a Fraternity

Anyone may attend residence week, consonant with the rushing rules established by the Interfraternity Conference. Houses often hold informal second-term rushes to fill the spots of departed comrades. Contact the IFC Rush Chairman (W20-413) or Dean Browning (7-133,x3-4051) for more details. As with any living group, be sure that you know what you're getting into before joining.

### Rush Violations

The Judicial Committee of the IFC is responsible for investigating house violation of rush rules, and with meting out penalties. If you have a complaint or want more information, contact the IFC Judicial Committee Chairman or the Rush Chairman (W20-413).

### Depledging

Start by talking with Dean Browning (7-133). Also try people in other living groups, or the religious counselors. If the problem is one of interpersonal relations you can talk to a shrink in the psychiatric department (x3-2916); they've made a career out of studying people's interactions with themselves and with groups.

### Student House

Student House is an MIT-recognized cooperative coed dwelling. Because it is a cooperative, its members can save approximately \$700 each year, compared to dormitory costs. Student House often has openings and accepts applications year-round. For more information call, write, or drop by at the House itself (111BayStateRdBoston,x3-3157or536-2497).

### Moving Between Modes

This procedure can be anywhere from trivial to impossible depending on the direction and extent of the desired change. Within your own dorm, there is little problem. Consult your house room assignment committee, for transfers to vacant rooms. In arranging a swap, make sure you are not violating any priority system.

### Transferring Between Dormitories

The simplest way to transfer between dormitories is a one-for-one switch; find someone in your target dorm to trade spaces with you. This procedure is usually easiest between terms, though you can do it anytime. But note that you may not be able to trade rooms, only spaces — entering into a dorm as a newcomer, you may go to the bottom of its priority list; check with the room assignment chairperson first. Then contact the Deans' Office (7-133,x3-4051) to get final approval and settle administrative details.

Changing dorms without a switch is a bit more difficult, the chief constraint being available space. It is easiest at the end of the school year, and not too bad between terms. Check with the Dean's Office (7-133,x3-4051).

Generally, the difficulties involved in moving from one mode of residence to another are considerable. You can't move from a dorm to a fraternity unless invited, from a fraternity to a dormitory unless (usually) you haven't become a brother. Moving off-campus is a hell of a difficult proposition (generally), so most people would do well to stay where they are unless they really can't stand it. Once you're out of the dormitory system, it's almost impossible to get back in, so look before you leap!

### Transferring from a Fraternity to Dormitory

This is a difficult trick to pull. It's impossible over the summer, since such transfers are ranked below transfer students who in turn are ranked below incoming frosh.

If there are extenuating circumstances (medical, Deans' Office letter), they may help your cause — some. During the term, check with Ken Browning (7-133.x3-4051) as the number (if any) of rooms available varies. If you withdraw from a fraternity house, you are entitled to a proportionate refund.

After initiation, the policy states that you have to find your own housing, even if you totally disaffiliate from the fraternity. Lately, second-term freshmen have been allowed to move into the dorm system even though they went through initiation. If you have doubts about staying in your fraternity, you should consider delaying initiation. Consult with Browning (7-133.x3-4051)

### Leaving the Dorm in Midterm

If you get a room in the dormitory system, you are considered responsible for that room unless you leave the Institute (see below), move to a fraternity or Student House, explain to Ken Browning why you deserve to be let go, or come up with someone not currently living in a dormitory who wants your room. **Note:** Ken Browning almost certainly has a list of such people, so see him first.

If you withdraw from the Institute with a valid reason and leave the Housing system during the first ten weeks of the term, you get a proportionate refund.

People who withdraw from MIT and then return have as much chance of getting fall dorm space as a regular transfer, i.e., very little. If you retain your student status while absent from the Institute, you do not generally lose your place in the dorm system, provided that you notify the proper authorities in advance.

For more information on any aspect of this problem, see Joan Johnson or Ken Browning (7-133.x3-4051).

*How glorious it is — and how painful — to be an exception.*

— Alfred De Musset

## Student Law

Most organized living groups and living group associations (e.g. IFC, Dormcon) have judicial committees, and laws which they enforce. These are student organizations enforcing student rules; consequently their power is limited, though they are backed by higher sources of power. Their regulations are printed and usually given to incoming members of the group. Because they apply to a relatively small number of people, these rules are often quite flexible and subject to waiver for special cases.



If you have received a bad judgment, there are usually several ways to appeal, either Council Ombudsman, the Dean for Student Affairs Office, or the Discipline Committee. Usually you should use the appeals process of the group involved first before trying any higher.

### Off-Campus Housing

The housing situation around Boston is *bad*. Rents are high, quality is low, and tenant rights with respect to landlords are not well established. Be careful when looking for housing, and get all the help you can find. The first resource listed below, namely OCHS, should be an invaluable asset, if you make adequate use of its facilities.

### Off-Campus Housing Service

If you think you want to live in an apartment, or even if you already have one, go to the Off-Campus Housing Service (E18-301,x3-1493). Ask for a booklet called **Required Reading for Renters**, which is a source of information on the legal and contractual side of renting. Like all OCHS services, it is free to MIT people.

Basically, you will have to:

1. **Find an apartment.** The CHS operates a service for helping people find roommates and/or vacant rooms, and they maintain listings of vacant apartments. Plan on checking the lists early and often (like starting in July for a September lease), as the best offerings are taken quickly. There are commercial outfits which can find non-MIT roommates, though CHS doesn't limit itself to Institute people, either.
2. **See the apartment.** Sign *nothing* until you are sure that the apartment is suitable and habitable; don't trust any verbal agreement.
3. **Sign an application form and make a deposit.** The larger realty companies require this. It is mostly to ensure that you can pay, but they can refuse your tenancy for very simple reasons, although grounds such as race, sex, age, nationality or possession of children are illegal. Once you sign the application, the landlord can force you to sign the lease, so read the lease first. On the other hand, there is no corresponding obligation for the landlord; he is *not* under contract until the lease is signed. Don't sign more than one application, or you could be in serious trouble.
4. **Sign the lease.** If your lease is the standard form of the Greater Boston Real Estate Board, or one of the forms used by several large realty firms, it will be several pages of obfuscatory small print. If you rent from an individual, the form will (hopefully) be short and simple. Read it. If something isn't specified it will work to your disadvantage, you can be sure, and you may be liable for rent even if it goes up halfway through the year. At the end of the year, you may be forced to rent for another twelve months unless you give notice some specified time in advance. The people who work in OCHS will be happy to examine the lease for you, and explain what the clauses mean and where you may have trouble. A lease is a contract. It can be enforced.

Prices vary widely, but they are high, compared to other cities. Anywhere from \$50 to \$120 per person per month is in order, and you will usually have to make a security deposit of from one to two months' rent. Leases usually run from September 1 to August 31, so remember that you are also promising to rent for the following summer.

Subletting is legal only if the landlord agrees in writing, in which case you are still responsible to him.

It is also possible to rent by the month or even by the week, such an arrangement being called a Tenancy-At-Will. In this case the lease may be terminated by either side on written notice of the rental period plus one day. Furnished rooms may be had for \$20-30 a week, and may include cooking privileges.

The Off-Campus Housing Service is always ready to handle questions and complaints related to off-campus housing. They maintain files on all kinds of relevant information: which of the local schools are worthwhile, official definitions of adequate heat and water, legal problems such as rent control, furniture stores and rental agencies. Also they have telephones on which you can call agents and landlords.

### **Non-Resident Association**

All undergraduate students not affiliated with dormitories, fraternities or Student House belong to the NRSA by definition; its facilities, parties and teams are open to all members.

The NRSA house at 311 Memorial Drive (dl9166) has beds for transients, showers, a meeting room, a small library, a kitchen, locker facilities, food storage facilities (including two refrigerators, one of which works well) and a tutor.

NRSA sponsors regular parties, cookouts, beach parties, and seasonal social events. A big part of NRSA is its athletic teams. Sign up in the house, check the NRSA bulletin board (Building 4 main corridor) or call the house or Athletic Chairman.

The major advantage of NRSA is that it furnishes a place to relax, meet people and do things you can't do at your room or the Institute. If you want to keep in touch with NRSA people, get your name on their mailing list.

### **Real Estate Office**

If you want to buy a house, the Institute Real Estate Office (W31,x3-4301) can offer advice on purchasing and financing it.

## **Married and Graduate Student Housing**

**Ashdown House:** Procedures for getting into Ashdown House differ considerably from those of other houses. Graduates may apply as soon as they are admitted; so may those already living here and living off-campus. A lottery is held on July 1 to fill the 150 vacancies, and a waiting list is set up, from which the top 30 (more or less) people are usually accepted by September 1. After that, the waiting list is abolished and it's first come, first served for the available vacancies. The probability of your getting in rises to one at the beginning of the spring term, when the house is usually slightly underfilled. Once you're in, you can stay until you finish your studies. Contact the Office of the Dean for Student Affairs (7-133,x3-4051). Note: If you start at the beginning of the summer term, you can move into Ashdown then, and keep your priority into the fall and beyond.

*I'm not deliberately trying to give you a hard time.*

— TCA Secretary



**Tang Residence Hall:** Assignments are made according to a Reference-Waiting list which gives highest priority to persons requested as roommates by current residents. To fill other vacancies, a lottery is held on June 15. As in Ashdown, chances for getting in are better if occupancy begins during the summer. Those wishing to live at Tang should go to the Housing Office (E18-307) to fill out the forms.

**Eastgate and Westgate (Married Student Housing):** The application process for these units is unique. For information concerning this process, the availability of openings, and a description of their physical facilities consult the booklet entitled *Graduate Residence at MIT*, available in the Dean's Office (7-133).

### Eating Commons

Commons is the food service plan at MIT. It is known across campus for its high cost and poor quality. In order to keep Commons prices below cost, MIT charges all dorm residents for the privilege of having commons available to them. "Below cost" still means in excess of \$6 per day for three meals, however. This price does include unlimited seconds (and unlimited indigestion), if one so desires.

For those who are unwilling or unable to cook for themselves, Commons remains the only practical alternative to starvation. One can choose from three meal plans offered each semester, the first being the 15 meals per week plan of the old Commons. The second offers an additional two meals each on Saturday and Sunday for a total of 19 meals per week. The last option is a partial plan entitling one to choose when to eat Commons during the term up to a total of 268 points per term, or slightly less than 4 points a day. (breakfast=1point, lunch=3points, dinner=4points).

There are four dining halls on campus. Hours vary, but approximate times are 7:30-9 breakfast, 9-10 continental breakfast, 11:30-1:30 lunch, and 5-6:30 dinner. You can get late dinners up to about 7:45 if you apply in advance.

### Cooking It Yourself

Many students at MIT prefer to cook for themselves. There are a number of advantages to supplying one's own meals, one being that you can choose what, where, and when you eat. Economic factors are by no means trivial, either. One can easily save 50% over Commons prices, and a thrifty student can cut the cost (and his body weight) by 2/3 or more. Other factors to consider when deciding about cooking for yourself are your ability to cook and time commitments. It takes a finite amount of time each day to cook and clean up. Many students find that getting together with friends to cook can save a lot of time and money.

Facilities for cooking range from practically nil in the older dorms to complete kitchens in the newer ones. Be sure to check the cooking facilities in any dorm you are considering, even if you're sure you don't want to cook for yourself. Commons has changed quite a few minds in this respect. Used refrigerators are commonplace in the dorms and not hard to come by. Functioning refrigerators can be purchased for \$10-30. Check the ads in *Tech Talk* and on the walls of the Institute. Quite a few students make do with only hotplates and the like in their rooms as their only means of cooking, so don't give up hopes of cooking for yourself because of lack of kitchen space.

## Summer Residence

Some people prefer not to go home for the months of June, July and August. For such people, the situation is far from hopeless. Most dormitories stay open, although they will probably consolidate summer residents to fill one floor or one entry. The rest of the space will be filled at times with alumni here for Alumni Weekend, with conventioners or other visitors. The rent is comparable with the regular rent; all this is explained in a handout which is sent to the dormitories in the spring. Fraternities offer a better deal. Rather than have rooms standing empty, they will take in people for the summer at rents as low as \$100. Apartments are sublet at reasonable rates too.

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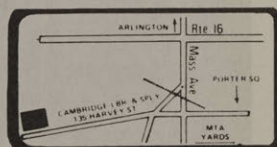
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# Law

## EMERGENCY—DIAL 100 on any Institute phone

There are two basic sections in this chapter, Institute Law and Outside Law. On campus one must deal with student committees, the campus patrol, the Dean's Office, and various official MIT administrative groups. Each has its own area and purpose. Outside, one is at the mercy of many levels of government and law enforcement.

## Institute Law

### Campus Patrol (Armory, x3-2996, dl 8191)

Campus Patrol policy is to keep peace and not necessarily to make sure that evil gets punished. They can be consulted unofficially. If you get in trouble either on campus or off, give the Patrol a call. They will contact the Institute lawyers if you need them.

### Deans' Office (5-104.6.8,x3-4861)

The specialists in this area are the Deans for counseling, namely Deans Bishop, Halfman, Hope, Thompson, and Turner. You can consult with them about legal aid, referral to other sources of assistance, and confidential counseling.

*Go not to the elves for counsel, for they will say both yes and no.*

— John Ronald Reuel Tolkien

## Discipline Committee

At present, the basic unit of Institute law is the Faculty Committee on Discipline, a group of eight faculty and five students (two graduate, three undergraduate). The purpose of the Committee is to examine complaints made against students by anyone in the MIT community, make judgments and determine action on each case.

The range of actions open to the Committee includes admonition (warning; no official records kept), disciplinary probation (warning; recorded on transcript), recommendation that the student be expelled, and other sanctions the committee deems appropriate. Recommendations for expulsion must be reviewed and implemented by the President.

*There are no foolish questions, and no man becomes a fool until he has stopped asking questions.*

— Charles P. Steinmetz

## MIT Common Law

At present the Institute functions under a system of common law. Academic cheating



## HoToGAMIT

and plagiarism are major offenses. Theft, careless risk of causing harm to persons and misuse of Institute property are as unacceptable as in any other community. Willful harm to persons or destruction of property are very serious offenses. The Discipline Committee treats each case individually. If you are interested in this subject, look up some Committee members and talk with them.

### Notes for the Accused

You'll get a letter from the Dean's Office telling you of what you're accused and by whom. You should consult the Dean's Office, specifically Dean Susan H. Houpt, who will tell you to find a counselor and inform you of Committee procedures. You can also contact the Committee directly.

The Committee on Discipline consists of faculty and students. No member of the Committee who is involved in the particular case in any capacity may sit in judgement. A quorum consists of a majority of the members. The student accused will be informed of the nature of the specific charges against him/her long enough beforehand to prepare for the hearing, and (s)he will be provided with a copy of the Discipline Committee procedures. Consult the DSA Office (10-186,x3-4158) or the Chairman of the Discipline Committee for further information on procedures.

NOTE: The publication **Policies and Procedures** states, "If a student's infraction involves him or her both in Institute judicial proceedings and in court proceedings, and if an Institute decision might prejudice his or her court case, the Institute will usually hold its decision in abeyance until after the court proceedings have reached a conclusive point."

*The laws of thermodynamics:*

1. *You can't win.*
2. *You can't break even.*
3. *You can't get out of the game.*

— Dwight Batteau, "Stupidtheorems"

### Privacy and Files

You have the right to review Institute files about you, except those assembled before November 19, 1974, in which the author had been assured of confidentiality. You also have the right to challenge the contents. The school cannot release information about you to outside people (including parents and employers) without your consent. However, information given to the Information Office for use in publication of the Student Directory can be given out to anyone who asks.

A request for review of material contained in your files must be made in writing to the Office of Dean for Student Affairs or to the Office of the Dean of the Graduate School. Forms are available for this in these Offices and they will be glad to answer questions.

### Outside Law

Outside the Institute you have to worry about various government types. You can receive information about city laws from the agency involved, simply by phoning and explaining what you need to know. (CambridgeCityHall, 876-6800; BostonCityHall, 722-4100). The Dewey Library at MIT (BldgE53) maintains an up-to-date copy of the state's legal code. You can also inquire about law by phone,

*Freshman Rules, 1928*

*The Massachusetts Institute of Technology is interested not only in turning out well trained engineers, but makes every endeavor to develop in its students those attributes of character that distinguish the well rounded and educated man from the merely technically trained engineer.*

*Development of Technology spirit, of a real pride in the position of our school in the collegiate world and the formation of lasting friendships, is fostered as much as possible by the undergraduates.*

*In order to create the necessary interest in Technology among the entering class and to familiarize them with its traditions, the following Freshman Rules are presented to it for its information and guidance:*

- 1. All Freshmen should wear regulation ties, four-in-hand, with cardinal and gray stripes. These should be worn when on the Institute grounds from the day classes begin until the beginning of Junior Week. These ties are to be sold on registration day by the Freshman Rules Committee, and after that by the Coop.*
- 2. Freshmen are expected to speak to all members of the faculty and to tip their hats to the president of the Institute and the Dean.*
- 3. Freshmen are expected to say "Hello" to all students they meet on the Institute grounds.*
- 4. Freshmen should not loiter around the Main Lobby, or sit on the benches in the Lobby. If the Freshmen win Field Day, this restriction shall be abandoned.*
- 5. Administration of the above rules shall be delegated to a Freshman Rules Committee which shall consist of the vice president of the Institute Committee as ex-officio chairman; two Juniors, one of whom shall be the president of the Junior Class; four Sophomores, one of whom shall be the president of the Sophomore Class; two Freshmen section leaders. The Junior and three Sophomores shall be appointed by the vice-president of the Institute Committee, the presidents of the Sophomore and Junior classes subject to the ratification of the Institute Committee.*
- 6. When an upper-classman or a Freshman sees another Freshman violate the above rules, he shall immediately inform the Freshman Rules Committee, by dropping a card or a slip of paper in an institute mail box, stating the rule violated, and the date of violation. When four violations have been reported against one Freshman, he shall be sent a summons to appear before the committee.*
- 7. Enforcement of the rules is at the discretion of the Freshman Rules Committee.*

*These rules have been adopted for the purpose of bringing about a more congenial spirit at the Institute, and of fostering interest in Technology among the entering class. Consequently, the rules do not include measures which are merely for the purpose of humiliating the first year men.*



## HoToGAMIT

*The end of the Freshmen rules regime at Tech comes early in the spring at which time there is held a big rally of the Freshman class. A tree is planted to commemorate the occasion and then a huge snake-dance is formed by the entire class and they wind slowly by a large bonfire, each one throwing his necktie into the flames. Thus ends the Freshman rules and no longer need the Freshmen fear the upperclassmen.*

— MIT Handbook, 1928

through the Citizen's Aid Bureau (at the Statehouse on Beacon Hill, 727-2211). However, be prepared to give them some time, normally less than an hour, to look things up. Finally, to get the Police when you need them, call 911 in Boston or 864-1212 in Cambridge.

### Arrest

If you are arrested, call Campus Patrol (253-2996 — lest you forget, the number is on the back of your ID card). In nearly all cases, Campus Patrol will help the students in seeking release from custody on the student's personal recognizance, on bail, or through arrangements with a bondsman. Don't plead guilty — just ask for a "continuance." (Campus Patrol will explain all this and more if you call.)

A good pamphlet, *If You Are Arrested*, is available free from the Office of the Massachusetts Attorney General. The Information Office (7-111) should also have some copies available for reference.

### Automobile Problems

If a policeman believes that you have been driving under the influence of alcohol, you have the option of accompanying him to the station house to be tested. If you refuse, there is an automatic revocation of your license. If the latter occurs, you must make a formal request in order to get your license back.

If an automobile dealer fails to service your car under the terms of its warranty, complain to the Massachusetts Attorney General (Consumer Protection Division, 727-8400).

### False Fire Alarms

Persons turning in false fire alarms from anywhere, including dormitories, are liable for up to a \$500 fine. Several years ago, a fireman was killed answering a false alarm here. **Don't do it.**

### Guns

The possession of any type of firearm (including air pistols and air rifles) in Massachusetts is strictly regulated. Failure to have a Firearms Identification Card (FID) or a License to Carry will result in a mandatory one-year imprisonment for the first offense and 5 years for the second. Furthermore, possession of a firearm on the grounds of a college or university without specific authorization from the particular school carries a penalty of \$1000 fine and/or one year imprisonment. **Get those permits immediately!**

For details call the Rangemaster (x3-3296)

### Legal Problems/Legal Aid

Call the Dean's Office (7-133, x3-6776), or Campus Patrol (x3-2997). They will either

help you directly or refer you to the appropriate people. The Boston Legal Aid Society (227-0200) may also be of service. Conversation with the Dean's Office is confidential.

## Patents, Copyrights

If you think you have a patentable idea, visit the Patent Administration Office (E19-619,x3-5361). There you can get a copy of *Patent and Copyright Procedures* and information about the legalities and hassles involved.

Regarding the idea itself, you should talk with someone in your field (the Patent Administration Office can recommend someone) about the possible existence of previous patents similar to yours. The whole procedure is extremely complex, but the rewards of having a patent of your own make a preliminary investigation worthwhile.

## Thefts from Within and Without

Boston has the highest rate of theft in the country (Cambridge is second). This is primarily due to bicycle and auto thefts (see **Travel and Transportation**), but other ripoffs are not far behind. Typical things stolen include money, watches, stereos, cameras, typewriters, tape recorders, TV's, mixers, blenders and ovens. Thefts occur at four in the morning and in broad daylight, in laboratories and in dormitories. There are a few insiders also. So watch it.

A few thieves look like refugees from a junior high school, but most are hardened professionals with several years of experience in and out of jail. They usually work alone, but sometimes groups will clean out an entire area.

Many of the most dramatic thefts have occurred while people were present in the same room. Purses have been stolen from desktops while a secretary was looking in a file. An expensive typewriter was stolen from the TCA office while two *HoToGAMIT* staffers were working there. And a safe in the Student Center was broken open while several people were in the room next door.

If you leave doors unlocked and valuables lying around, you stand an even greater chance of being robbed. "I was only gone a minute" is a familiar story to the Campus Patrol. Lock up valuables such as purses and wallets in a desk drawer and don't leave things too near a doorway.

Over 1500 incidents are reported at MIT each year. For information on "Operation Identification," which may help discourage theft, see the **Insurance** section of the **Financial** chapter.

There have been several cases of armed robbery, rape and assault on campus. Last year two MIT students hitchhiking on the Harvard Bridge were robbed. One was brutally murdered while the other was "luckier" — he only was in critical condition for several weeks. Don't ever carry large sums of money alone, especially after dark. Avoid unlit or isolated areas such as Briggs Field or even the parking garages. On returning to campus from outlying communities, give some thought to well-lit routes. Wherever you go after dark, try to have a few friends with you if possible. The Campus Patrol will escort late-working students and employees if requested (x3-2996).



## Voting

To register go the Election Commission of the city where you live: Cambridge Election Commission, 362 Green St., one block west of Central Square (876-9828); Boston City Hall, Government Center (722-4100).

$$\ln \left[ \lim_{Z \rightarrow \infty} \left( 1 + \frac{1}{Z} \right)^Z \right] + (\sin^2 x + \cos^2 x) = \sum_{n=0}^{\infty} \frac{\cosh y \sqrt{1 - \tanh^2 y}}{2^n}$$

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# Art and Tourism

Once upon a time somebody, in a fit of chauvinism, called Boston the "Hub of the Universe." Bostonians are such that the name stuck, and although it's a questionable title, there are certain points in its favor. Boston is one of "the world's" cultural centers (see Refuse Disposal) and has without a doubt the greatest collection of colleges and students ever assembled in one place. **Boston Arts Line** (266-1660) is a recorded announcement of upcoming cultural events.

*This town of Boston is becoming a Hell on Earth, a City full of Lies and Murders and Blasphemies; a dismal Picture and an Emblem of Hell.*

— Cotton Mather, 1688

## Sightseeing

Downtown Boston is worth repeated explorations. The major organized walking tour is the **Freedom Trail**, covering places and monuments appropriate to a study of the American Revolution, and passing by some interesting examples of both colonial and modern architecture. The **Boston Common**, where you are allowed to graze your cow if you have one, is a gentle and pleasant grassy park filled with a random assortment of people. The **Public Garden** just west of the Common, has many labeled trees, rare flowers and a pond, and is fighting a losing battle with vandals. **New City Hall** at **Government Center** in the heart of Boston is an unusual and striking architectural creation. It looks like a jumble of planar surfaces on the outside, but is quite well-designed and beautiful on the inside, though somewhat labyrinthine on the upper levels. Tours of the building are offered on weekdays. Some of the tall office buildings also show a streak of architectural "creativity," notably the **First National Bank Building**, which has oblique surfaces above and below, and somewhat resembles a pregnant brick. The old **Custom House Tower** is a nice place from which to look at the ocean. It used to be the tallest building in Boston and a landmark for ships, until the Prudential and John Hancock buildings came along. Call ahead before going there. The hours are strange.

Onward to **Back Bay**, a formerly marshy area that was filled in over one hundred years ago. The **Back Bay Fens** (near Fenway Park, Simmons College, the Museum of Fine Arts) is a nice park with ducks to feed (and very polluted water). There are also some Victory Gardens left over from World War II, which are still maintained by private citizens. Boylston Street has many boutiques and other stores, and Newbury Street is a quiet and shaded avenue with art galleries. Commonwealth Avenue between Mass Ave and the Public Garden is a divided roadway with a shaded mall down the middle. The Boston bank of the Charles River is great for picnics and sunbathing (but don't go



too near the polluted water). This tree-lined **Esplanade** along a string of linear islands is great for walking trips and relaxation.

Slightly further west, at the intersection of Beacon Street, Comm Av, Brookline Ave and 3 other streets is the driver's nightmare called **Kenmore Square**. It is built up and is becoming more so, with shops ranging from hamburger joints to boutiques and nightclubs. It's a nice place to visit on foot if you like watching crowds of people, and especially if you like watching drivers have hysterics.

In Cambridge, **Harvard Square** has the most-visual appeal for a walking tour, with huge crowds of all descriptions, a tremendous variety of stores and politicizers of all (and we do mean all) types looking for your support. The architecture around Harvard is pretty interesting too, ranging from staid Colonial to futuristic. The banks of the Charles are pretty pleasant here, with a lower pollution level than around MIT, and big grassy areas on either side. There are often free impromptu concerts on the **Cambridge Common** between Harvard and Radcliffe. During the summer, concerts are sometimes held there Sunday at 2pm.

If you're above all that, you can look down on everything from the top of the **Prudential Tower**, the 52-story glass and steel monolith piercing the sky across the river from MIT. It will cost you \$1, but if you like viewing people as ants it's worth it. There are pay telescopes there, and if it's a clear day you can see New Hampshire (it's not forever, but it's something). In fact, you can see the beginning of the White Mountains almost 200 miles away if you have good eyes.

In true one-upmanship style, the new **John Hancock Building** several blocks away has reached a height of 60 stories. After winning national attention for losing nearly all its huge windows, the building has been entirely reglazed, at a cost of \$5 million. "The John" now gleams in a sheath of steel and mirror glass, reflecting sunlight into the streets below and producing some strange shadows.

The **Christian Science Center**, just southwest of the Prudential, is a collection of modern buildings associated with the "Mother Church" of this religious group, as well as the central offices of the world famous *Christian Science Monitor*. Tours of the buildings are given when they are not in use, and the reception given to non-members is low-key and friendly. Of special note are the Mapparium, a huge transparent globe which allow you to view things "from the center of the earth," and the Sunday School, an unusual architectural work.

A word of caution regarding walking tours. Boston is a big American city and therefore has some dangerous neighborhoods. Roxbury, Mattapan, Charlestown, South Boston, part of Dorchester and the South End, and the areas around Northeastern University (south of Symphony Hall) at night, are bad places for anybody to be. The North End of Boston is dangerous for blacks and freaks after dark. Certain sections of Cambridge are also pretty grubby, though not so bad as some of the preceding areas. *Don't* go wandering off into unknown neighborhoods unless you know what you are doing. This warning applies especially to foreign students and staff who may not be used to the concept of dangerous neighborhoods in a city.

There are many bus and boat tours of Boston which are good for orientation, fun, and when parents come to town. See the Yellow Pages under "Sightseeing Tours" for more information.

*The Greyhound Computer Corporation makes Turing machines.* — forgotten

## Museums and Exhibitions

Boston is richly endowed with museums. One of the most comprehensive museums is the **Museum of Fine Arts** (MFA, 465 Huntington Av Boston, by the Fenway, MBTA: Arborway Green Line). This museum boasts one of the finest collections of Oriental art in the Western world, excellent selections of Mediterranean and Renaissance art and some fine French impressionistic works. The museum also has impressive collections of American art, notably the works of Winslow Homer and colonial artists. It even has a reconstructed Byzantine chapel with uncomfortable pews in which one can sit and hear recorded Gregorian chants. There are often special showings of selected classical and contemporary artists in some of the more secluded galleries, for which one must pay extra. This museum is worth repeated and thorough trips. The suggested procedure is to choose some small area and examine it at leisure, then shift to others on succeeding trips. Each Tuesday at 7pm there is a concert, called a Gallery Gig, at no extra charge. A special feature of these concerts, given in various galleries of the Museum, is that many of the ancient instruments owned by the Museum are used. Hours: Tues. 10-9, Wed-Sun, 10-5. Admission: \$1.50, 75¢ Tues after 5 and all day Sun. A \$10 student membership, good for one year, entitles you to free admission to the Museum and all special events and to a 10% discount on items over \$2 in the gift shop. Recorded information is available at 267-9377 (ANS-WERS). Or try 267-9300 x445 for more information.

The **Isabella Stewart Gardner Museum** (280 the Fenway, one block from MFA, 566-1401) is patterned after a sixteenth-century Venetian palace. It was once the home of the flamboyant Mrs. Jack Gardner, and is stocked with her collection of nearly 2000 pieces of Renaissance Italian art, with a scattering of items from other lands and periods. The artworks are placed in strange combinations and juxtapositions, and are often poorly-illuminated — her will stipulated that *nothing* be changed. The collection includes paintings, sculpture, tapestries, textiles, furniture, ceramics, rare books and manuscripts. There is a beautiful indoor garden growing all year at the core of the building. An excellent series of chamber music concerts is given Tuesdays at 8pm, Thursdays and Sundays at 4pm. Museum hours: Wed-Sun 1-5:30, Tues 1-9:30; closed Mon. Admission: \$1 on Sun, free all other times. Call 734-1359 for recorded information on upcoming concert programs.

The **Institute of Contemporary Art** (951 Boylston St Boston, MBTA: Auditorium, 266-5151) sponsors exhibitions by contemporary artists, lectures and special events like children's art shows. Hours: Mon-Fri 10-5, Sat 11-5, Admission: \$1 for non-members.

The **Museum of Science** (Science Park, on the Charles River Dam between East-Cambridge and Boston, MBTA: Science Park, 742-6088) exhibits objects of a scientific bent, notably a step-by-step model of an appendectomy, a beehive, an alcohol cloud



chamber, and strobe displays. The renowned **Hayden Planetarium** is also part of the museum. Hours: 10-5 daily except Sun 11-5 and Fri 10-9. Admission: \$3. for adults, and \$1.50 for those under 16 or over 65, free under 5. On Friday nights 5-9 all prices are reduced. There is an additional 50¢ charge for the planetarium, and on Saturday nights there are special planetarium-only rates. Since rates and hours tend to change, call 723-2505 or 742-1425 off hours for recorded information.

The **New England Aquarium** (StateSt at AtlanticAv, on the waterfront in Boston, 742-8870, MBTA: Aquarium) has impressive marine exhibits, including an enormous cylindrical tank with glass walls 2½" thick, in which sharks, groupers, sea turtles, and other large marine life live together, calmly ignoring the stares of visitors. Hours: 9-5 weekdays, Friday night until 9, 10-6 Sat, Sun, and holidays. Admission: \$3.50 for adults, \$2.00 for students with ID and children 6-14 yrs, under 6 free.

The **Museum of Transportation** (15NewtonSt Brookline, 521-1200) displays well-preserved examples of old autos dating back to the end of the 19th century, in an old coach house. It's quite an interesting spot for car bugs. Hours: Tues-Sun 10-5. Admission: \$2.00 for adults, \$1.00 for students with ID and children 6-12 yrs, and \$.25 for children 3-5yrs.

**Harvard University** has six museums in Cambridge. The first four are part of the same complex, which has an admission charge of \$1.50. Following are brief descriptions, which in no way do justice to the museums. All are fascinating and merit repeated visits.

1. **Peabody Museum of Archaeology and Ecology** (OxfordSt and DivinityAv, 495-2248), anthropological museum, many Indian artifacts. Hours: Mon-Sat 9-4:15.
2. **Geological Museum**, mineral exhibitions.
3. **Botanical Museum**, features a renowned display of glass flowers.
4. **Museum of Comparative Zoology (Agassiz)**, dinosaurs and stuffed animals.
5. **The Busch-Reisinger Museum** (KirklandSt, 495-2338), a reconstructed Gothic cathedral, displays medieval German art. Organ recitals 12:15 Thursdays during the school year. Hours: Mon-Sat 9-4:45, closed Sun. Free.
6. **The Fogg Art Museum** (QuincySt, 495-2387), built in the style of an Italian palace, houses Harvard's extensive permanent art collection, in addition to a wealth of temporary exhibits. Hours: Mon-Sat 9-5, Sun 2-5. Free.

The **Carpenter Visual Arts Center** at Harvard is the only building in North America designed by Le Corbusier. It usually contains art exhibits. You can often watch artists at work, too.

A museum for which you will probably need a car is the **De Cordova** (259-8355) in Lincoln. The trip is worthwhile; the museum is in a beautifully remodeled house set among 30 acres of parkland. It presents lectures, exhibitions by local artists, classes, films and other educational activities. Hours: Tues-Fri 10-5, Sat 12-5, Sun 1:30-5. Admission: adults \$1.50, 50¢ for those under 21. Membership card can be purchased (\$30.00-\$100.00) which let you in free to the galleries.

One of the more unusual museums in Boston is the **Children's Museum** (JamaicaPlain, 522-4800, MBTA: Arborway GreenLine). It has exhibits of interest to

children, as well as workshops where they can create their own artistic treasures. There is an education center there as well. Hours in winter, Tues-Fri 2-5, weekends 10-5; in summer, daily 10-5. Admission: \$1.25 for children, \$2.50 for adults, free Fri 6-9.

The **Trailside Museum** (1904 Canton Av Milton, 333-0690) in the Blue Hills Reservation is also worth noting. Hours: Tues- Sun 10-5. Admission: adults 50¢, children under 12, 25¢. Live animals native to New England can be seen. While you're there, climb to the top of Big Blue Hill for an excellent view of Boston. Can be reached by bus.

The **Arnold Arboretum** (junction of Jamaica way, Rte 1 and the Arborway, 524-1717, MBTA: Forest Hills) is a beautiful 265-acre park filled with over 6000 labeled varieties of trees, vines, and flowers. "No bicycling or picnicking," just walking. Hours: sunrise to sunset. Admission: free.

The **Franklin Park Zoo** (Blue Hill Av & Columbia Rd Dorchester, MBTA: Green St, then #16 or #29 bus) is filled with hundreds of animals and birds, and thousands of happy children every day. The **Children's Zoo** (442-2216), also in Franklin Park, allows children to mix with and feed small, tame animals. The entire zoo complex is being renovated. The area is dangerous at night, but reasonably safe during daylight. Hours: Daily April-Oct 10-5. Admission: adults \$1, children 50¢. Call 442-0991 for recorded information on zoos in the Boston area.

At MIT there are several museums. **Hayden Gallery** (in Building 14) houses temporary exhibitions of works by contemporary artists, often including MIT talent. The **Hart Nautical Museum** (Building 5) houses detailed wooden models of ships and pictorial reports on advances in ocean engineering. The **Creative Photography Galleries** (in the Armory) exhibit the works of contemporary photographers. The hallways on the first floor of the main complex have displays relating to MIT's programs and environment, often incorporating a high degree of technical and artistic talent. Higher floors and those in out-of-the-way places show interesting aspects of work done in their respective regions. For instance, the fourth floor of Building 10 outside of Doc Edgerton's strobe lab is full of strobe photographs. Other places to see are the MIT Historical Collections (N52, x3-4444) and the exhibits at the Faculty Club (E52, sixth floor). Every second year, around May, the **MIT Open House** has plenty of exhibits and special shows.

Lastly, there are the contemporary art galleries on Newbury St in Boston, some of them traditional and some very avant-garde. They are fun to visit, and may even tempt you to buy something. For rather complete listings of galleries in the Boston area, try *The Boston Phoenix* or *The Real Paper*.

*Science proceeds more by what it has learned to ignore than by what it takes into account.*

— Galileo



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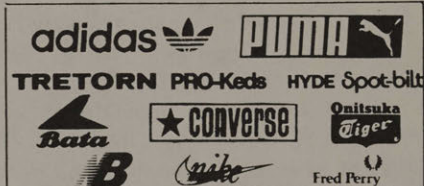
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# Travel and Transportation

Like the Institute, the Boston area is a difficult place to learn how to navigate. Unlike the Institute, it stays difficult even *after* you know how. The streets in the older sections follow former cowpaths, and make very little sense to either newcomers or natives. The major exceptions are the Back Bay section of Boston and other filled-in marshes, which possess a semblance of order in their patterns.

Peculiarities to note:

1. Most streets are not clearly marked. Main streets are almost never marked; you can go out of your mind learning the names of every tiny side street without ever finding out what highway you are on.

However, to the amazement of most residents, street signs have been going up all over, due to the coming of the Bicentennial.

2. The Charles River is *not* a good direction index. It bends from North to South and back. The only certain thing about it is that if you follow it downstream far enough you'll get to MIT. Then you can ask someone for directions.

3. Main streets likewise bend back and forth. Massachusetts Avenue in Cambridge is a primary example, weaving its way from Lexington through Cambridge into Boston.

4. House numbers on a street do not go by 100 per block, but rather sequentially, with random inconsistencies. The average is about 30 numbers per block, meaning that 300 digits is far away.

5. What appears to be one roadway can sometimes have more than one name. For example, the same pavement is Winter Street north of Washington Street, but Summer south of it. Water turns to Milk in a similar maneuver. A favorite trick is for a street to change names as it crosses a town line. Cambridge Street in Allston turns into River Street in Cambridge. Harvard Street in Brighton turns into Boylston as soon as it enters Cambridge.

Not only that, but the same name is used for different streets in different towns or even different section of the same town. All the streets mentioned above are repeated again and again in various locations. Boylston St. in Cambridge has no relation to Boylston St. in Boston, nor do any of the myriad Harvard and Washington Streets have anything in common. In another variation, the street names stay the same, but the numbering



DOWNTOWN BOSTON

**HISTORICAL SITES**

- 1 Boston Massacre Site
- 33 Boston Tea Party Site
- 34 Bunker Hill Monument
- 35 Central Burying Ground
- 5 Copp's Hill Burying Ground
- 8 Faneuil Hall
- 31 First Public School Site
- 38 Franklin's Birthplace Site
- 32 Frigate "Constitution"
- 11 Kings Chapel
- 16 Old Corner Book Store
- 17 Old Granary Burying Ground
- 18 Old North Church
- 20 Old South Meeting House
- 19 Old State House
- 36 Park Street Church
- 21 Paul Revere's House
- 22 Paul Revere Statue

**HOTELS — MOTELS**

- 68 Hotel Avery
- 66 The Bradford Hotel
- 57 Copley Square Hotel
- 54 Hotel Essex
- 50 Fenway-Boylston Motor Hotel
- 51 Fenway-Commonwealth
- 61 The Holiday House
- 69 The Howard Johnson Motor Lodge

- 63 The Lenox Hotel
- 59 Logan Airport — Sonesta Hotel
- 58 The Madison Motor Inn
- 62 Midtown Motor Inn
- 55 The Parker House
- 60 The Ramada Inn
- 67 The Ritz Carlton
- 65 The Sheraton Boston
- 64 The Sheraton Commander Hotel
- 53 The Sheraton Plaza Hotel
- 52 The Somerset Hotel
- 71 Sonesta (Cambridge)
- 56 The Statler Hilton
- 70 Vendome

**MUSEUMS**

- 3 Boston Museum of Science
- 39 Gardner Museum
- 41 Museum of Fine Arts
- 30 New England Aquarium

**POINTS OF INTEREST**

- 37 Chinatown
- 40 Christian Science Church
- 10 Hatch Memorial Shell
- 2 Haymarket Square
- 42 Jordan Hall
- 43 Symphony Hall
- 26 War Memorial Auditorium, Prudential Center

**PUBLIC BUILDINGS and SCHOOLS**

- 44 Boston University
- 4 City Hall
- 6 Court House
- 7 Custom House
- 28 J. F. K. Federal Building
- 12 Mass. Dept. of Public Works
- 13 Mass. General Hospital
- 14 M.I.T.
- 15 N. E. Medical Center
- 29 New City Hall
- 23 Post Office
- 24 Public Library
- 25 State House
- 27 State Office Bldg.

**SKYWALK**

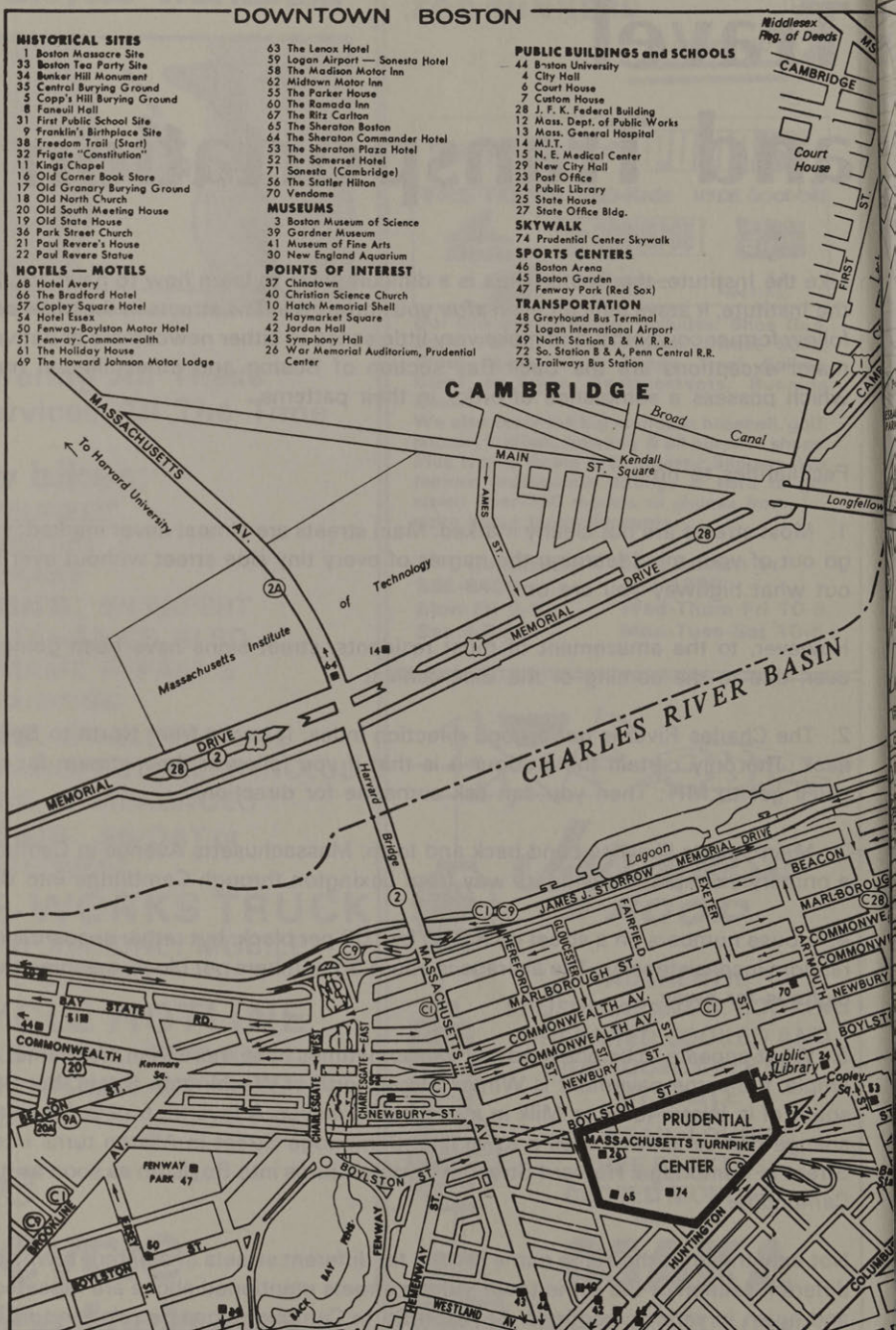
- 74 Prudential Center Skywalk

**SPORTS CENTERS**

- 46 Boston Arena
- 45 Boston Garden
- 47 Fenway Park (Red Sox)

**TRANSPORTATION**

- 48 Greyhound Bus Terminal
- 75 Logan International Airport
- 49 North Station B & M. R. R.
- 72 So. Station B & A, Penn Central R.R.
- 73 Trailways Bus Station



# TRAVEL AND TRANSPORTATION









City Manager James L. Sullivan



### PRINCIPAL SQUARES

Arsenal C-45  
 Brattle C-5  
 Central C-7  
 Eliot D-5  
 Harvard C-5  
 Inman (Calnan) B-7  
Kendall C-9  
 Lafayette C-7  
 Lachmere A-9  
 Porter B-4  
 Quincy C-6  
 Sheridan B-3  
 Sullivan C-6  
 Taylor C-4

## REFERENCES

Larz Anderson D.  
Boston University  
Charles River Br.  
Charles W. Eliot  
Harvard D-9  
Longfellow B-9  
River St. D-6  
Western Ave. D-6

## MAJOR PUBLIC BUILDINGS

City of Cambridge Bldgs.  
Central Library C-6  
City Hall C-7  
City Hall Annex C-7  
City Hospital B-6  
City Infirmary C-2  
High & Latin School C-6  
Police Station C-7  
Rindge Technical H.S. C-6

## Middlesex County Bids

E. Cambridge B-9  
 Probate Court B-9  
 Registry of Deeds B-9  
 Third District Court B-9

MAJOR PARKS AND

### MAJOR PARKS AND PLAYGROUNDS

Ahern Field B-8  
Burns Pkgd. D-6  
Callanan Pkgd. C-3  
Cambridge Common C-5  
Corcoran Pkgd. B-4  
Dana Square D-7  
Donnelly Field B-8  
Ft. Washington D-8  
Glacken Pkgd. D-2  
Hoyt Field D-6-7  
Kingsley Park D-2-3  
Longfellow Park C-4, D-5  
Lowell Park D-3-4  
Magazine Beach E-7  
Municipal Golf Course C-1, D-2  
Rindge Field B-3  
Russell Field B-2  
Science Park A-9  
Sennott Park C-7  
St. Peter's Field C-3

(C) - Cambridge Cemetery



system starts all over again, normally in the opposite direction. For instance, 840 Mass. Ave. in Boston is nowhere near 840 Mass. Ave. in Cambridge.

6. Town names are no less confusing than street names. Present-day Boston includes the old townships of Allston, Brighton, Charlestown, Hyde Park, Roxbury, West Roxbury, Jamaica Plain, Mattapan, South Boston, Dorchester, East Boston and Roslindale. At the core of all this is Boston Proper, which includes the neighborhoods of the North End, West End, South End, Downtown, Beacon Hill and Back Bay. In addition there are unofficial terms, such as Readville, South Cove, Columbia Point and Orient Heights, in common use. The various governments, the post office, the telephone company and the local people all differ on which of these terms should be used. (But note that Brookline, although an inner suburb, is *not* a part of Boston.)

7. Adjacent areas often have similar names. For example: Newton Center, West Newton, Newton Lower Falls, Newton Upper Falls and Auburndale (how did it get there?) are all parts of Newton.

8. The Metropolitan District Commission (MDC) is a separate (not equal, greater, or lesser, just separate) entity charged with handling certain services for Boston and the outlying suburbs. The parks, MDC police, water supply, MDC "parkways," many pools, skating rinks, tennis courts, and sewers (including the Charles River) are managed by the MDC.

9. When traveling to an unfamiliar place, pick an easily visible landmark near where you want to go, and head for that. It is also much easier to ask strangers for directions to landmarks than to out-of-the-way places.

*Had I been present at the Creation, I would have given some useful hints for a better ordering of the Universe.*

— King Alphonso the Learned, upon hearing  
an explanation of astronomy according to Plato

## Maps

Maps of the area are available at some gas stations. Paradoxically, it is easier to find a map of Boston far out in the suburbs than it is to find one at a more local station. Gulf, Shell, Arco, and Texaco have all given out maps in the past, though some have discontinued this. The Arrow Map of Boston (85c) is an excellent street map. This and other useful maps may be purchased at the Coop.

Many of the available maps do have shortcomings, however. For example major landmarks may not be shown, and even roadway paths shown may be erroneous. Sometimes other features such as hills, railroad tracks, waterways, and bridges are included, but all too often they are omitted.

The topographical maps issued by the US Government are excellent for anyone desiring more detailed and accurate information. These maps show major buildings, structures, and landmarks, and give information concerning elevation that is important to

cyclists and walkers. Most five-color maps are only \$1 (a bargain subsidized by your taxes) and can be obtained from Eastern Mountain Sports (1041 Comm Ave Brighton, 254-4250) or Hammet's School Supplies (48 Canal St Boston, 523-5778). Maps and an index are available from the Superintendent of Documents, Government Printing Office, Washington, D.C. Some maps have not been revised recently (check the revision date), but most commercially available maps are directly based on these government maps anyway. Note, however that while topographical maps show all streets, they only label the main ones. You will still need a street map to find a particular address.

### Walking

Compared with many other cities, Boston is a city of microscopic distances, and walking is often the easiest form of transportation. During rush hour, it may also be the quickest, especially from here to Harvard Square. Another advantage of walking is that you get a chance to meet people and see shops and activities you would otherwise miss. (However, you should avoid certain neighborhoods, especially at night; check **Sightseeing in Art and Tourism** for details). If you need an escort across campus at night, call Campus Patrol (x3-2996).

### Mass Transit

Boston has a relatively good mass transit system which extends beyond Route 128 in all directions. Most lines are owned and operated by the Massachusetts Bay Transportation Authority (MBTA), usually known as the "T." The "T" uses rapid transit cars, streetcars, electric buses (trackless trolleys), conventional buses, and diesel-powered commuter rail cars.

When traveling in Boston, especially in the central city, rely on public transportation. Do not, repeat, do not drive a car in the city, if it can possibly be avoided.

The rapid transit system is the skeleton around which Boston public transportation is built. The Red, Orange, and Blue lines all use the "high-platform" rail cars that most people associate with subway systems. New Light Rail Vehicle (LRV) articulated trolleys for the Riverside Green Line are scheduled for delivery in Fall 1976, but the old and noisy "PCC" trolleys will still be kept in service after extensive rebuilding.

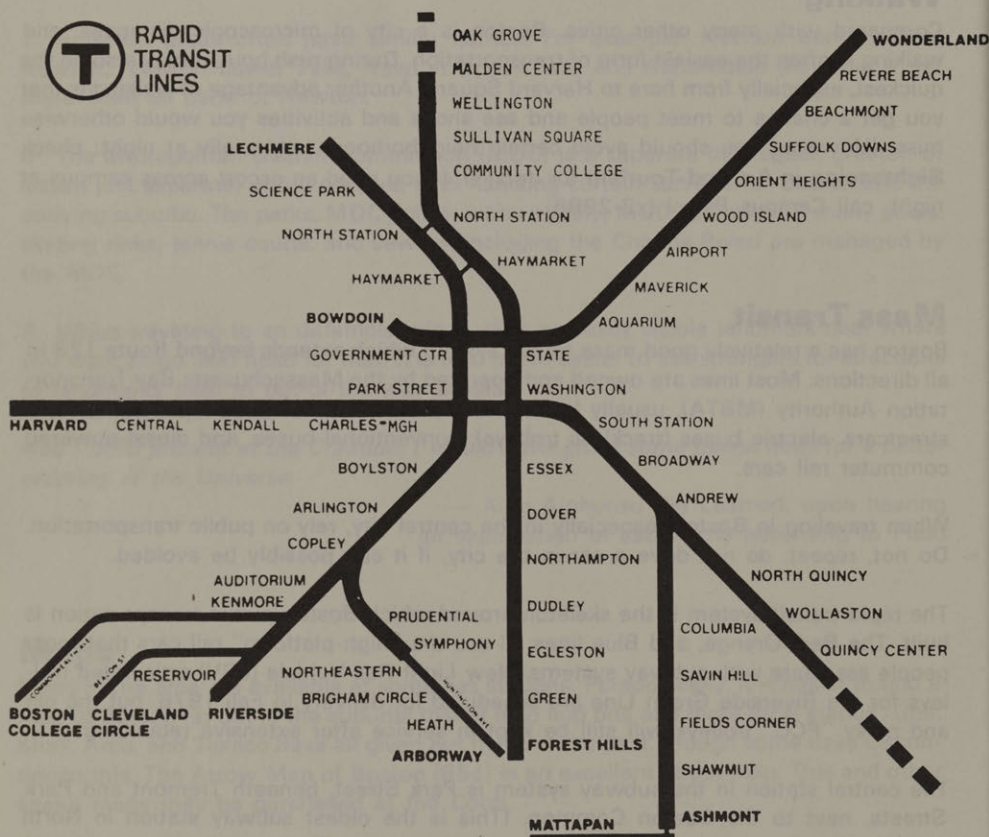
The central station in the subway system is Park Street, beneath Tremont and Park Streets, next to the Boston Common. (This is the oldest subway station in North America, and it shows its age.) The lower level serves the Red Line, and the upper level serves the Green Line (Boston College, Cleveland Circle, Riverside, and Arborway routes).

A labyrinth of passages connects the various parts of Park Street Station, so if you're confused, ask someone for help. If you're really confused, check with the information booth on the upper level. When you have Park Street figured out, try exploring State Street Station, which is a three-dimensional jigsaw puzzle threaded among the foundations of existing and now-demolished buildings.





## RAPID TRANSIT LINES







The Harvard Square terminus of the Red Line is also confusing to the first-time traveler. The basic problem is that the Square is so congested with autos and pedestrians that underground tunnels are necessary for some bus routes. However, congestion *underground* has forced some routes back up to the surface! For this reason, the locations of bus stops in the Harvard Square area are shown on a special detail map in the MBTA system map (described later).

A solution to the Harvard Square problem is to extend the Red Line to a less crowded area with more room for bus platforms and parking facilities. Plans are underway for a northeast extension with stops at Porter Square, Davis Square, Alewife Brook Parkway, Arlington Center, and Arlington Heights. The South Shore Red Line is to be extended to South Quincy and Braintree, but political disputes have blocked the project for over five years. The Orange Line is being extended north to Melrose, and has replaced the historic but noisy and dirty "Charlestown Elevated," which was demolished in 1975. The equally outdated southern half of the Orange Line is to be replaced by one running in an open cut along the Penn Central right-of-way, but the Red Line extensions have first priority on funding.

Newcomers to Boston sometimes make the mistake of assuming that areas not served by rapid transit are unreachable by public transportation. Actually, the Boston bus/trackless trolley network is quite extensive, and can often get you to within walking distance of your destination. Many lines are "feeders," passing by or terminating at a rapid transit station. Each bus route is numbered, and they can all be found in the MBTA system map (more information is in a later section).

Once you have armed yourself with a system map, street map, and schedule, there remains the problem of finding an official bus stop. Stops are sometimes marked by a sign or a wide red/yellow band painted around a nearby telephone pole. Occasionally, there is even a bus stop shelter by the side of the road. All too often, a stop can be discovered only by consulting the folk legends told by local residents. If you are not at an official stop, the bus driver frequently will drive blithely by, ignoring your shouts and frantic armwaving. This occurs most frequently in dense city traffic, but is the most annoying when you are stuck in the middle of nowhere.

Commuter intermediate distance rail service is available at North Station for points north and west of Boston. North Station service is provided by the Boston and Maine Railroad (227-5070), while Penn Central (482-4400) operates from South Station. The MBTA rapid transit lines make stops at both of these stations, as shown in the subway map.

## Fares

The basic fare on bus "feeder lines" and rapid transit lines is 25 cents. There is an extra 25 cents charge on the Red Line to Quincy. Where Green Line streetcars become surface lines, there is an extra 25 cents charge on the Riverside Line and 20 cents for the other lines. Special express busses traveling long distances with limited stops cost 50 cents or more. Senior citizens and children under 12 get a discount. A monthly pass is available to employees of companies which agree to administer a payroll deduction plan.

Be sure to carry some change with you, since exact fare is mandatory on all surface lines. Most subway stations have change booths, but some booths are not open during all hours of operation. The procedure for riders without change includes a trip to cash in a change voucher, which is all you can get from the drivers. Since the fare varies, bring plenty of change and don't hesitate to ask for information on the first few trips over a new route.

Incidentally, you can "Rent-A-Trolley" or bus from the MBTA. Over a dozen weddings have been celebrated in chartered Green Line cars.

The rail commuter lines charge according to a different scheme. Generally, you pay a conductor after or upon boarding a train. Fare is computed by zones, with trips through or into central Boston being most expensive. Fares going the other way during rush hours, and in both directions during all other hours, including Sundays and holidays, are reduced substantially on the B&M lines. Also discount twelve-ride tickets and monthly unlimited tickets are available for B&M trains.

### Routes and Schedules

After a delay of seven years, the MBTA has finally issued a revised version of their "system map." This foldup chart shows all rapid transit, commuter-rail, streetcar, and bus lines (including private carriers) in the metropolitan Boston area, and is quite readable. However, due to space limitations, only the major streets are identified, so you would do well to carry a street map with you to avoid getting lost. Also, small pocket maps and route cards are available for such areas as Cambridge, Newton, and Forest Hills, giving more detailed information on local service.

The system map and specific information on routes and schedules are available at the Park Street Station information booth (upper level), and information can also be obtained by sending a stamped, self-addressed envelope to MBTA Customer Service, 145DartmouthStBoston,02110. A recording of service conditions, delays, and substitutions can be heard by dialing 722-5050.

*The great mass of humanity should never learn to read or write.*

— D.H. Lawrence

Most lines do not run past 1am, and many stop earlier, especially on Sunday nights. Schedules late at night tend to be erratic; there may be cutbacks in runs, the driver (of a bus) may not feel like stopping, things are generally bad. Be careful when riding late at night or you may be left stranded. MBTA service usually starts around 6am.

### Connections at MIT

The line most often used by MIT people is the Harvard-Dudley bus (MBTA Bus #1), which stops at several rapid transit stations as it threads its way on Mass. Ave. through Cambridge and Boston. The bus starts at Harvard Square (Red Line), runs along Mass. Ave. through Central Square (Red), and passes the MIT Building 7 entrance. From MIT it continues across the Harvard Bridge to Boston, stopping at Auditorium (Green), Symphony (Green), and Northampton (Orange). Finally, there is a short leg south on Washington Street to Dudley (Orange), where the bus turns around for the return trip. Alternatively, if you're on the eastern part of the MIT campus, the Kendall Square station of the Red Line is only a short walk away.



*This song, in a version recorded by The Kingston Trio, was a popular hit in the late 1950's.*

*Let me tell you the story of a man named Charlie  
On that tragic and fateful day.  
He put ten cents in his pocket, kissed his wife and family,  
And went to ride on the MTA.*

**CHORUS:**

*Well, did he ever return?  
No, he never returned  
And his fate is still unlearned.  
He may ride forever 'neath the streets of Boston,  
He's the man who never returned.*

*Charlie handed in his dime at the Kendall Square Station  
And he changed for Jamaica Plain.  
When he got there the conductor told him, "One more nickel"  
Charlie couldn't get off of that train.*

**CHORUS**

*Well, all night long Charlie rides through the stations  
Crying, "What will become of me?  
How can I afford to see my sister in Chelsea  
Or my cousin in Roxbury?"*

**CHORUS**

*Charlie's wife goes down to the Scollay Square Station  
Every day at a quarter past two,  
And through the open window she hands Charlie a sandwich  
As the train comes rumbling through.*

**CHORUS**

*Well, all you citizens of Boston, don't you think it's a scandal  
How the people have to pay and pay?  
Fight the fare increase, vote for George O'Brien  
Get poor Charlie off the MTA!*

**CHORUS**

*Note: George O'Brien used this as a campaign song in his bid for mayor. (He lost the election miserably.)*

## **Hitchhiking**

Hitchhiking is a popular way to get around, and is done all the time. However, it is against the law in Boston, Cambridge and other cities, the law being enforced randomly — at the whim of the particular policeman or the expediciencies of city hall. In addi-

tion to a \$1 fine for hitchhiking. Cambridge has passed a law establishing a \$5 fine for motorists picking up hitchhikers after two (presumably written) police warnings. Neither the Cambridge Police nor anybody else seems at all interested in enforcing the law. Brookline has a \$1 fine for hitchhikers under its jaywalking provision, which it enforces rather zealously, though normal enforcement takes the form of being told to stop rather than being ticketed. The city of Boston has a similar law, which is almost never enforced. However, the validity of the above statements depends on subjective criteria such as hair length, and the policeman's disposition.

Hitchhiking can also be dangerous. In the past few years three MIT students (both drivers and hitchhikers) have been shot and many others have been robbed. It is not a good idea for women to hitchhike alone, especially at night. Three years ago, several coeds from the Boston area were killed after being picked up. It takes a lot of nerve for even a gorilla to hitchhike in certain neighborhoods.

Should you decide to carry on in the face of risk, here are a few cautions to observe:

1. Don't hitch on turnpikes or other limited-access highways. You create a real traffic hazard and risk strict law enforcement by the police. Instead, post yourself at the entrance and carry a sign. The Allston or Copley Square entrances to the Massachusetts Turnpike are better than the one off Mass Ave.
2. When hitchhiking interstate, Washington, Maine, New Jersey and Delaware outlaw hitchhiking entirely, and various towns and counties in other states do the same. Police in small towns, especially in the south and midwest, tend to be very hard on hitchhikers.
3. In the Boston area, main thoroughfares are the best bet; streets going through well-defined, insular neighborhoods normally offer poor hitching. Example of the latter: Cambridge Street in Cambridge.
4. Wear street clothes if you can. You may get picked up by a pickup truck with the dust of the ages on its seats. Also, most people who pick up hitchhikers are freaks and tend to be a wee bit biased in favor of their own kind. It normally is not significant to dress the part, but it may help in marginal cases.
5. If a cop tells you to stop, stop at least until he goes away. Cambridge cops tend to be especially lenient in this respect. If a Brookline cop tells you to stop, stop for a while or move to some other location; he'll circle up again in order to ticket you. *Don't* hassle the cop; he's only doing his job, and if he is really doing it out of malice you have no recourse.
6. Spend the money and don't hitchhike if you don't like Russian Roulette. Your life is invaluable.

### Taxis

Taxis can be convenient since they avoid many of the usual problems associated with cars. However, they are expensive (60¢ for the first mile, 10¢ per 1/7 mile, plus 10¢ per minute), and are least available when you need them most. During rush hour



they tend to be quite hard to find, and will sometimes take a half hour to answer a call. Just before a holiday or during bad weather they are almost impossible to find quickly; if you want a cab at such times you should call not less than an hour beforehand. Taxis may be reached through MIT x3-2301 or x3-2303 (two different companies).

One way to save money on cabs is to split the fare among a group of people going to the same destination, with five passengers per cab being the usual limit. However, that normally won't help if you're coming in from the airport on a crowded night; scalper cabbies charge everyone the same (exorbitant) rate. Rates are uniform (see above) but the Independent Taxi Operators' Association (ITOA, 426-8700) reputedly gives better service.

Cab drivers are generally talkative, opinionated and nonviolent, if you tip them 10-15%.

## Bicycles and Motorcycles

A two-wheeler can be a good answer to traffic and parking problems. Cyclists are legally expected to obey all traffic laws, but enforcement for bicycles is almost nonexistent. Motorcycles get much more scrutiny and are treated as motor vehicles.

There are literally dozens of recent books about bicycles and bicycling. One of the best inexpensive ones is *Richard's Bicycle Book* by Richard Ballantine (1975 revised edition, Ballantine Paperbacks, \$2.95). This book is a comprehensive discussion of bicycling equipment, safety, and more, written in a humorous and practical style. Of special note are the sections on city riding, simple repairs, and buying a bike. It's available at the Coop, or at the **Bicycle Exchange** (described later).

## Keeping Your Bike

Theft is a tremendous problem. Both Boston and Cambridge are so well supplied with bicycle thieves that the chance of leaving even a cruddy bicycle unlocked overnight and finding it the next day are miniscule. Things are somewhat better during the day, but not much.

To foil thieves, start with a *strong* chain and lock. The chain should be "case-hardened" and long enough to bind the front and rear wheels as well as the frame to a post. The lock should be strong and heavy, also with a case-hardened shackle. We know of no commonly available combination lock that cannot be opened easily, so get a key-operated one. *Don't* buy the chains that come on reels; urchins can cut them as easily as the hardware stores can, because they often have the same equipment. If you want to see what your bike will be up against, walk into Central Square Hardware and Tool Rental at 453 Mass. Ave. in Cambridge and ask to see their nippers. Depending on the weight of the chain you can carry and the value of your bike, adequate locking equipment will cost \$15 and up. \$20 is a perfectly reasonable price to expect, and even \$27 is not unreasonable to protect a motorcycle.

The Kryptonite and Citadel locks available at the Coop are excellent, but not infallible locks. Remember that bicycles are not always stolen intact; seats, lights, saddlebags and other accessories may be stripped from your cycle if you are not extremely careful. Be especially wary of your front wheel if it is of the "quick release" type.

*Never* leave your bike unlocked, even if “only for a minute.” The inconvenience is minor compared with the certainty of losing your set of wheels. Even the best of chains can be cut, so park your bike in a public place where people can be *de facto* guards, or in a really out-of-the-way place where no one would think of looking (this idea is not so good), or best of all in an office or other locked room. The bike racks in the Great Court and the space between Buildings 3 and 5 are a pretty good bet because urchins hate to be boxed in.

There are indoor or covered bicycle parking areas located in the breezeway under Building 39, in the basements of Buildings 3 and 13, and in most of the dormitories. The area in Building 13 has a security guard on duty 24 hours a day. See the map at the front of this book for more details.

The wide variety of bicycle racks is the result of several experimental designs tried by Physical Plant, the Planning Office and others. If you have any particular favorite, or suggestions for new designs, Mr. Pickard at Physical Plant (x3-3940) would like to hear about them.

One place where bicycles should *never* be parked is on the handrails of the steps of the Hermann Building (E53). There have been several accidents involving blind people falling over bicycles left there, and Physical Plant has been known to cut chains and remove bicycles from improper locations. They have no objections to the use of light poles, no-parking signs, or trees, as long as safety hazards are not created.

Still, it seems that the only really safe bet is to chain your bike to a policeman. Campus Patrol has been trying to develop a quick and permanent way of marking bicycles, but has run into practical problems. Call them at x3-2997 if you have suggestions or want more information.

## Buying and Registering Your Wheels

Bicycles and accessories can be purchased from several stores in the area; check the Yellow Pages. The **Bicycle Exchange** (3 Bow St. Cambridge, near Harvard Sq, 864-1300) has the largest selection and somewhat reasonable prices. Other stores include **Cambridge Cycle Mart**, **Lifecycle**, **The Bicycle Revival**, **Bicycle Workshop**, **Herson Cycle** and **Brookline Sales and Service**. Shop around before you buy, and make sure you don't get rooked on the accessories. **Hint:** Buy a lock and chain first, so you have a means of keeping your brand new bike.

**The Bicycle Repair Collective** (351 Broadway Cambridge, 354-9891), a political collective, is claimed to be good for parts and repairs at non-ripoff prices. Good advice on repairing your bike and tools to do it with are also available.

Bicycles should be registered at the Police Station in Central Square (5 Western Ave). It costs 25¢ but helps them recover your bike if it is stolen. Be sure to record your bike's serial number since that is the only way to positively identify it. Also, Cambridge police will not look for your cycle if you can't give them a serial number.

The **Charles River Wheelmen** (131 Mount Auburn St Cambridge) organize frequent bike trips and sports events. See Prof. David Wilson (3-447,x3-5121) if you are in-



terested in the more esoteric aspects of cycling such as researching bike dynamics or developing new bike routes.

Once you get your bike, don't forget to reflectorize it. Many cyclists do not realize the fact that without reflectors they are invisible to motorists until the last moment at night. Reflectors on the front, sides, rear, and on the pedals are now required by federal law, and most newly-bought cycles contain enough reflectors to cover the laws, but not necessarily enough for safety. Cheap but quite adequate reflectors can be purchased at almost any bicycle store for a bicycle not already equipped. Though less important than reflectors, a light can be very useful, too, to allow you to see potholes, broken glass, and other unlit hazards at night.

Bicycles are generally not allowed on any MBTA vehicles. However, recently the MBTA has tried allowing bikes on a special Red Line train from Harvard to Ashmont, but the results of the experiment are not yet known to us. The Boston Area Bicycle Association (W20-002) has been active in lobbying for this and other amenities for cyclists.

As part of an ongoing experiment, the Boston and Maine commuter service carries bicycles from Boston to Rockport on weekends between May and November. The one-way fare is \$3.40. For more information, call 227-6000.

If you are traveling on Amtrak, you can bring your bike for only \$2 if you remove any batteries and turn down the handlebars. Be sure to show up at the station a half hour early and try to be on hand when the bike is loaded and unloaded. Make sure there are baggage rooms at the stations at both ends of the trip and avoid the Turbotrain and Metroliner which have no baggage cars.

Motorcycles must be registered with Campus Patrol. Out-of-state cycles must also be registered with the local police. Check with Campus Patrol (x3-2997) for details. State law requires that you have a certain minimum amount of insurance and proper headgear for both driver and passenger. There are several motorcycle organizations in the area. Check with other owners, or dealers.

## Automobiles

A car can be a great advantage, but driving in Boston involves a large set of aggravations (including Boston drivers). However, parking problems notwithstanding, a car is normally the best means of transportation for people living far from MIT.

## Parking

Parking is a problem, but not too bad if you don't mind walking long distances and feeding meters. Meter maids patrol during the daytime, so if you neglect to pay up you're very likely to get tagged. Car thieves are as prevalent as bicycle thieves, so keep your car locked and put tempting articles out of sight, preferably in the trunk. There are lots of garages in the theatre and shopping districts, but they fill early and cost a lot. When going downtown for the evening, go early or take the "T."

MIT parking is very tight. Faculty and some staff members can get stickers for the lots and garages from their departmental headquarters (trading stickers is permitted; check

the ads in *Tech Talk*). Some people park in the street, frequently blocking firelanes, pedestrian access and each other. To get a street space reasonably close to the main buildings you should plan to arrive around 7am. Otherwise, start looking for a space about ½ mile away. After 5pm on weekdays and on weekends, the MIT lots are generally open to all. However, be wary of the parking garages at night. They are high-risk areas for theft and assault.

Dormitories have small parking lots available to residents; check at the desk. Dean Robert Holden (7-101, x3-6774) has some stickers he will give out if you can show good cause. Campus Patrol (x3-2997) has information on good places to park around the Institute and can issue temporary or guest parking permits.

During the winter, snow removal is slow and inefficient; side streets often don't get plowed. There are also emergency parking bans on many major streets during snow storms. If you park in the street, be sure you are familiar with the regulations which apply at that location.

If your car is parked in Cambridge, make sure that you will know if an official "snow emergency" is declared. At such times, all parked cars must be removed from Memorial Drive, and other locations marked by a red-and-white "Snow Emergency" sign. You can use the Westgate West parking lot overnight, but must move your car in the morning. The 24-hour Cambridge parking ordinance is enforced during snow because they can tell how long you have been parked.

Radio stations WEEI, WCAS, WBZ, WHDH, WRKO, and WCOP will broadcast announcements of emergencies (see **Radio in Media**). Also, you can call the appropriate municipal Departments of Traffic and Parking. In Cambridge, the number is 867-6800, x314.

If you live in an apartment, your landlord may provide off-street parking. If he promises to provide it, be sure it says so in your lease. You may be able to rent garage space nearby (rates run around \$15 a month). Otherwise, you'll have to park in the street, if it is legal. (In Brookline it is forbidden to park in the street overnight, so make sure you get a parking space.)

*Commonwealth Avenue is the only street in the country where you have to back in to doublepark.*

Parking on certain Cambridge steets is banned from 7am-10am due to Environmental Protection Agency regulations. However, cars with resident parking stickers are allowed to park on streets within one half mile of their owner's residence. Stickers are available only for cars with Massachusetts plates, and cost \$1. They are available at Cambridge City Hall.

*You're driving like a maniac.*

*This is Boston. Everyone drives like a maniac.*

— E. Segal



## Traffic

Boston traffic is heavy even during non-rush hours. During rush hours (7-9am, 3:30-6pm) it becomes ridiculous. As you become familiar with the area, you should notice and use shortcuts and circuitous routes which will avoid the major jam-up areas. Example: Bay State Road is a good way to bypass Kenmore Square going west from Beacon Street onto Commonwealth Ave.

WBZ (1030 AM) has regular traffic reports from a helicopter, and WHDH (850 AM) uses a plane for its Skyway Patrol. WEZE (1260 AM) and WRKO (680 AM) also report on traffic. All can be invaluable to someone with little knowledge of the area and a car radio.

Many intersections which *should*, do not have stoplights. Some of those that do, also have pedestrian-operated lights, but watch out for pedestrians who blithely cross against the light and expect you to come to a screeching halt. The area is full of them. Also watch for pedestrians crossing at any random point, which happens most frequently around a college (such as MIT), but is pandemic.

Boston drivers are unbelievably bad, even for a large American city. On any given day you can see the entire repertoire of wrong turns, U-turns, nerve-wracking lane changes, light crashing, weaving, speeding (too fast or too slow), plus some new tricks such as charging up the left side of the street at 60 mph in order to be able to make a left turn against oncoming traffic before the light goes red. The traffic pattern at red lights is that people keep zipping through 1½ seconds after the light turns red, but don't move when it turns green for about the same time (which balances things). Massachusetts has one of the lowest fatality rates in the country, but may be #1 in "fender-benders."

## Buying A Car

### New Cars:

Take time to shop around, and be prepared to bargain with the salesman; his first price usually isn't the best he can offer. Prices tend to be lower in the suburbs. It is possible to buy a car and have it registered in your home state (if you're not from Massachusetts), thereby saving the sales tax and excise tax. This may affect insurance rates which are discussed earlier.

### Used Cars:

Be doubly careful. Used car dealers are generally disreputable and over-priced; national dealers are not much more reputable than local dealers. Instead of buying from a dealer, check *Tech Talk*, the *Phoenix*, and the *Globe* for potential sellers. (Buying from a stranger is risky, but not so much as purchasing from an experienced salesman.) If you *do* buy from a dealer, first consult the Better Business Bureau.

## Maintaining a Car

Car maintenance can be a problem. Many garages are shady, if not outright dishonest. Find a reputable garage and stick with it; ask someone who has been around for a while. There are several tire companies in the Cambridge area that sell tires at large discounts; watch for ads in the MIT newspapers.

## Keeping a Car

Keeping your car is also a problem, since thieves abound. Boston has the highest auto theft rate in the country. Even daylight thefts are amazingly frequent; professionals can steal a car in less than five minutes. Try installing an alarm, especially if your car is new or otherwise desirable. However, be attentive to locking your car properly when you have one; car thieves listen for an alarm that indicates that the driver has left his door open. Try to park your car in a well-lit and conspicuous spot, where an alarm buzzer will attract somebody's attention. Also steering, clutch, or ignition locks will slow down (but not stop) a thief. Contact Campus Patrol for more advice. They have available a list of anti-theft devices with an evaluation on each one.

## Insurance

Massachusetts auto insurance, both personal injury and property, works on the no-fault system. This essentially means that in most cases your insurance company (if you are a Massachusetts resident) is responsible for covering damage to your car and your injuries, regardless of who is at fault in a collision. By law, Massachusetts motorists must have certain minimum coverage. If a collision involves an out-of-state car, the no-fault provision probably does not apply and the insurance company of the party at fault is responsible. In response to numerous complaints, the Massachusetts Legislature is considering the repeal of no-fault property insurance and institution of driver safety record discounts.

If you are insured in another state you must have the equivalent of the minimum insurance required by Massachusetts state law. In addition, at the beginning of the new year when you renew your policy, you must inform your insurance company that your car is now principally garaged in Massachusetts. This will result in your having to pay Massachusetts insurance rates (the highest in the nation). Please note that you should give your company the name of the city you are actually living in, as rates vary by city (Boston being the highest, and Cambridge one of the next highest). While you might be tempted not to report to your insurance company that your car is in Massachusetts, *this is a serious risk*. The company would not normally catch you, but if you do get into a collision, they might well find out in the process of the investigation and refuse to pay you anything at all. Thus, you may effectively have no insurance coverage at all.

## Buying Insurance

If you were insured in another state, you will save money (cancellation fees and the like) by insuring with the same company in Massachusetts, if they have agents here. Likewise, you will do well to insure with a nationwide company if you are not a permanent Massachusetts resident. Check around with a few agents and see what they have to offer, for auto rates in Massachusetts are fixed by law.

## Registering Your Car at MIT

All student-owned cars must be registered with the Campus Patrol annually. In addition, out-of-state cars must be registered with local police. You can do this in the Armory on Registration Day, or anytime at the Campus Patrol Office.

## Registering Your Car with the State

**Massachusetts Registration:** In order to register a car in Massachusetts you must have the required minimum insurance and pay an excise tax of 6.6% of the value of the



car per year. Also, cars registered in Massachusetts must pass semi-annual auto inspections in April and October. (This can be done at most service stations which have repair facilities.)

**Out-of-State Registration:** Rules vary depending on which state you are from, but the following generally applies:

If you are from outside Massachusetts you will probably do well to keep your out-of-state registration. According to state law you must register your car within thirty days of becoming "gainfully employed" here. (Graduate students receiving a stipend or having a fellowship or assistantship may fall under this category.) Otherwise, you are probably able to keep your registration, provided you don't become a legal resident of Massachusetts. (Registering to vote or getting married may affect this.) In any of these cases check with Campus Patrol or the Registry of Motor Vehicles.

Questions about Massachusetts vehicle laws and regulations concerning out-of-state cars (including insurance) may be addressed to the Massachusetts Registry of Motor Vehicles, 100 Nashua St, Boston 02114, 277-7800, or to the Campus Patrol (x3-2997).

**Note:** A useful information sheet is included in your registration material each term.

### Foreign Drivers

Drivers from a number of countries may drive for one year in the US on an international license, which can be obtained in the home country. The end of the year is designated as the earlier of (1) the end of the academic year or (2) one calendar year from the date of entry into the US. For full details call the Foreign Student Office (x3-3795), Campus Patrol (x3-2997) or the Registry of Motor Vehicles.

### Carpools

You can reduce pollution, save on gas and other expenses, and perhaps make some friends if you join or organize a commuter carpool. The classified ads in *Tech Talk* are handy for locating rides/riders.

### Renting a Car

If you can't get a ride with someone else, renting a car may be the answer. Shop around for the lowest rates, and try to work out how far you will want to drive. Most car rental firms do not rent to people who are under 21. **Locost**, (25 River St, Cambridge, 354-1160), will rent to students who can present an MIT or Harvard ID; **National** will rent to those over age 18. See the chart for rates and policies of these and a few other local and national rental firms. If you find these unsatisfactory or inaccessible, try the Yellow Pages for firms throughout the Boston area. In general, the local ones will be the cheap ones, but check their reputations first; some provide insurance while others do not. However, with a national firm you have the advantage of being able to leave the car at a distant point.

### Long Distance Travel

Boston is, after all, the Hub of the Universe, and chances are that if you found your way in here, you can find your way out.

Company	Type Car	Rates (Cambridge)	Insurance	Who Can Rent
<b>Locost</b>				
25 River St., Cambridge	Intermediate	\$5.00/day, 11¢/mile (50 mile/day minimum)	Full coverage required; costs \$2/day	Students who can present an MIT or Harvard ID
354-1160	Full-size	\$8.95/day, 11¢/mile		
155 Stuart St., Boston				
227-7368				
<b>Econocar</b>				
905 Main St., Cambridge	Subcompact	\$7.00/day, 10¢/mile	\$100 deductible, free	Over age 21, with a major credit card
492-3000	Compact	\$8.00/day, 11¢/mile		
7 Eliot St., Boston	Full-size	\$11.00/day, 12¢/mile (includes gas)		
542-9800		(50 mile/day minimum)		
<b>Budget Rent-a-Car</b>				
19 Huntington Ave., Boston	Subcompact	\$14.95/day, 10¢/mile	\$250 deductible, free,	Male, age 25
266-3537	Standard	\$13.95/day, 15¢/mile (does not include gas)	or \$0 deductible, \$2/day	Female, age 21
<b>Hertz</b>				
95 Mt. Auburn St., Cambridge	Subcompact	13.95/day	Full coverage, optional; costs \$2/day	Over age 21, with a major credit card or cash deposit (minimum \$50); company needs to verify employment and get a credit reference
547-0336	Compact	\$14.95/day, 15¢/mile		
Motor Mart Garage, Park Sq.	Intermediate	\$16.95/day, 17¢/mile		
482-9100				
<b>National</b>				
1651 Mass. Ave., Cambridge	Subcompact	\$13.95/day	Zero deductible, optional;	Over age 18 with a major credit card; requires 24 hrs. notice if you do not have a major credit card
661-8747	Compact	\$13.95/day, 14¢/mile	costs \$2/day	
441 Stuart St., Boston	Full-size	15.95/day, 18¢/mile		
426-6830				



## Railroads

Trains provide a reasonably comfortable way to travel. They have enforced smoking regulations, plenty of leg room, space to walk, and snack service. Amtrak operates trains out of Boston to New York, Washington and points south, and to Albany, Detroit, Chicago and points west. Connections are available to the entire US from Chicago and New York.

Prices are competitive with buses (about \$17 to New York City). Trains to the South tend to be as fast or faster than buses; to the West, the trains are slower than horses. Scheduled travel time to New York is about 4½ hours.

Amtrak trains leave Boston from South Station (MBTA Red Line), and from Back Bay Station, 145 Dartmouth St, behind the John Hancock Tower in Copley Square (MBTA Green Line). During holiday seasons, trains can be standing room only, and it is always easier to find a good seat at South Station than at Back Bay. For information call Amtrak (1-800-523-5720) or South Station (482-7800).

*Walk with light.*

— traffic sign

## Buses

There are only two bus terminals in Boston. Continental Trailways is at 10 Park Square (482-6620) and Greyhound is at 10 St. James Ave, just off Arlington Street (482-5810); the stations are located close together near the Arlington St. MBTA Station. All other bus lines use one or the other of these terminals. If you don't know which company you want, call Greyhound or Trailways and tell them where you want to go; they will explain which company serves your destination. Then call the company — there may only be one small line serving a particular locality. Bus lines will take you almost anywhere on the continent, and they are the cheapest form of public transportation on most routes. Don't give up trying to call Greyhound. You may think that they forgot you when they put you on hold, but generally someone will answer if you wait fifteen minutes or so.

## Airlines

Logan Airport (Massachusetts Port Authority, 567-5400) is the eighth busiest airport in the world, handling commercial flights to everywhere in the US and many foreign cities. You can call the airlines day or night for reservations and information.

Flying "standby" is cheapest, though you may spend most of a day waiting at the airport when the planes are filled with regular passengers during busy times. This is not the way to travel on holidays. For holidays, you should make reservations well in advance. Christmas flights start filling up at Thanksgiving.

Travel time to Logan runs about an hour by MBTA (though it can be less) or half an hour to two hours by cab, depending on traffic conditions. Avoid the rush hour if possible.

**Note:** If you are flying a long distance and have to make a connection in New York City, make sure that you go to the airport that has the desired flight. Unlike other cities,

New York has three separate airports which are quite far apart, and it is expensive to get from one to another.

### Automobiles

If you own a car, driving can be the most convenient way to get where you're going. However, if you are traveling alone, driving can be extremely expensive and tiresome. Riders and drivers can find each other through the APO ride board opposite 7-133. Want ads in *Tech Talk*, the *Real Paper*, and the *Boston Phoenix* also work.

One way to get a car for a long distance trip is to call one of the auto delivery services listed in the Yellow Pages. They have cars that need to be taken to many parts of the country, and they will pay some expenses.

### Travel Services and Agents

There is no official group at the Institute that arranges charter or group flights for students traveling during vacations. The **MIT Quarter Century Club** (x3-7914), serving the entire MIT community, does periodically offer charter tours to faraway places. However the trips generally last only a week. The cost includes not only air fare but also hotel accommodations and often some meals, sightseeing trips, or other extras. Of course, there is a plethora of outside agencies offering wonderful bargains, but not all these firms are reputable. *Caveat Emptor*. Often you can save some money by checking with the airlines or a reputable travel agency for information on night travel and special excursion fares.

There are two travel agencies that serve the MIT community:

**Heritage Travel** (x3-7961). Their Kendall Square office is convenient, but they do not accept phone orders from students, nor will they deliver to people not listed in the faculty/staff directory.

**Raymond and Whitcomb** (x3-4438). They are an easier agency for students to go through since they will accept phone orders placed through TCA and will deliver tickets to TCA for pickup at no extra cost.

You can order all airline tickets directly through TCA (x3-4885, Rm W20-450), or reserve them directly through the airlines on your own and then come to TCA to request delivery there. By picking up your ticket at TCA you can eliminate extra delays and hassles at the airport and can avoid making a special trip when a ticket must be picked up and paid for days in advance (e.g. for some special fares or during peak travel times).

TCA has an Official Airline Guide (OAG), so you can check there for information on all domestic flights.

**You'll never know  
how much good  
you can do  
until you do it.**

If you can spare even a few hours  
a week, you can help people.

Call the Voluntary Action Center  
in your town. Or write:

"Volunteer," Washington, D.C. 20013.

  
**Volunteer.**  
The National Center for Voluntary Action



## TRAVEL AND TRANSPORTATION

New York has large amounts of space which are open to the public and it is important to know how to use them. The most important thing to remember is that the city is a big place and it is important to know how to use it. The most important thing to remember is that the city is a big place and it is important to know how to use it. The most important thing to remember is that the city is a big place and it is important to know how to use it.



you can do  
and you do  
Volunteer  
and you do  
and you do

# Media

A plethora of commercial and political media vies for the profitable "student market." Several radio, TV, and newspaper outlets gear themselves toward the college community, and a few are even interesting. Publishing and broadcasting groups are also active on campus, with varied success.

## Radio

Boston is one of the largest radio markets in the country. The word "market" is not used lightly; broadcasters are totally dependent on ad revenues and fees paid by national networks which supply programming and their own commercials. (The only exceptions are the subsidized college and public network stations, which are not permitted to broadcast advertising.) Most stations broadcast exactly what they think they have to in order to maximize advertising revenue. In this respect, Boston radio is much like radio all over the USA.

Boston does have some unique radio stations, however. Most of the major schools in the area have their own student radio stations, many of which broadcast to the outside world via FM. MIT's student radio station is **WTBS**, which broadcasts to Cambridge and Boston via 88.1 FM. It operates with 20.5 watts (with the possibility of increasing in the future), but it has a very large area of coverage for such low power. They will send you a program guide if you call them (dormline 5-6731 or 253-4000). Their studios and offices are in the basement of Walker Memorial.

Other student radio stations in the Boston area include **WHRB-FM** (95.3 FM Stereo) from Harvard, which broadcasts a wide variety of good programming. WHRB offers a program guide free of charge. If you are interested in classical music, you will find the guide very helpful. The address is: WHRB-FM, 45 Quincy St., Cambridge, MA.

**WBUR-FM** (90.9 Stereo) offers excellent classical music programming during the day, with talk, jazz, and variety at night. WBUR is affiliated with Pacifica Radio and National Public Radio. WBUR's programming guide costs money . . . you should listen to the station for details. **WERS** (88.9 Stereo) is Emerson College's attempt at broadcasting. On this station, you hear rock, news, and some classical programming. No guide is available.

Other stations worth noting in the area include **WCRB-FM** (102.5 Stereo) and **WGBH-FM** (89.7 Stereo). These are among the better classical music stations in the country. WGBH also broadcasts a great deal of public service programming and news. Together, these two stations participate in a discrete 4-channel broadcast of the



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Boston Symphony Orchestra on some Saturdays. WCRB also broadcasts CBS SQ matrix 4-channel sound. Occasionally, WGBH-TV, Channel 2, will join in the simulcasts. WCRB-FM has a subcarrier Muzak channel, which, unfortunately, degrades their signal on many receivers. Both WGBH-FM and WCRB-FM have program guides for a fee.

**WBCN** has recently joined the simulcast business (WCRB and WGBH have been doing it for over fifteen years.) WBCN broadcasts the ABC-TV rock concerts in stereo on 104.1 FM, while Channel 5, WCVB-TV, handles the video. Occasionally, WBCN and WGBH-TV broadcast live rock simulcasts. When they are not simulcasting, WBCN offers a wide variety of progressive rock and blues, with news and public affairs programming.

### AM Stations

In the following listing the format is: **Call letters** — (Frequency in kHz) (Affiliation/Location)

**WEEI** — (590) (CBS/Boston) All news 5am-10pm; mystery, sports, and talk all night.

**WRKO** — (680) (RKO General/Boston) Top 40's rock.

**WCAS** — (740) (Cambridge) Folk and rock.

**WHDH** — (850) (Boston) Upbeat popular.

**WRYT** — (950) Religious music, some popular.

**WBZ** — (1030) (Westinghouse/Boston) Popular music, talk shows, Patriots, Celtics, BC football, Bruins.

**WILD** — (1090) Soul music.

**WCOP** — (1150) (NBC/Boston) Country and Western.

**WEZE** — (1260) (ABC/Boston) Rock and oldies.

**WJDA** — (1300) (Quincy) Muzak.

**WHET** — (1330) (Waltham) Popular music circa 1940.

**WLYN** — (1360) (ABC/Lynn) Popular music, simulcast with WLYN-FM.

**WWEL** — (1430) (Medford) EZ.

**WMEX** — (1510) (ABC/Boston) Top 40's rock, Red Sox.

**WNTN** — (1550) (Newton) Progressive rock.

**WUNR** — (1600) (Brookline) Ethnic programs, soul (midnight-3am).

If Boston's stations don't satisfy you, or if you are homesick, you can listen to numerous out-of-town AM stations at night. Continuous news can be heard on WCBS (880 kHz) and WINS (1010) from New York, or WBBM (780) from Chicago. Top 40 rock booms in on WPTR (1540) from Albany, on WABC (770) from New York, and slightly less regularly on WLS (890) and WCFL (1000) from Chicago. Excellent classical music programming is on WQXR (1560) in New York. Numerous other stations around the US and Canada can be heard at night; most of the powerful stations are between 640 and 900kHz, 990 and 1220kHz, and 1500 and 1580kHz. Incidentally, WBZ-AM (Boston) can be heard in 38 states at night.

## FM Stations

**Call letters** — [Frequency in MHz (Stereo) (Hours per day) Affiliation/Location]

\* — Easily received in Cambridge.

\***WTBS** — [88.1 (18) Studios at MIT/Cambridge] Plays all kinds of music: classical, folk, rock, pop, jazz, electronic, etc. Live coverage of MIT events. Usually off the air during late morning and early afternoon weekdays. Call x3-4000 or dormline 5-6731 for a program guide.

\***WERS** — [88.9S (10) Emerson College/Boston] Rock, classical, jazz. Tune in if you want to hear rock DJ's of tomorrow in training, minus commercials. Classical programming is OK. Amateurish at times.

**WGBH** — [89.7S (18) Eastern Public Radio/Boston] Classical, educational, jazz all night. Live music (BSO three times a week, and Tanglewood summer concerts; New England Conservatory) and high quality tapes (BBC; CBC; organ recitals). Poetry, literature, public affairs. Strong, clean signal. Program guide available.

\***WBUR** — [90.9S (18) Studios at Boston U/Boston] Boston's jazz station. Good classical programming during the morning. High fidelity equipment, talk show Saturdays at 9:30am. Strong signal; can be received on amplifiers in Back Bay. Get your local EE jock to install a "tuned trap" if you don't want to hear it. Program guide available.

**WMFO** — [91.5 (10) Tufts U/Medford] Rock, soul, classical. OK. Weak signal.

**WRBB** — [91.7 (12) Northeastern U/Boston] Rock, some sports. Good. Weak signal.

**WPRO** — [92.3S (24) Providence] Rock.

**WHAV** — [92.5S (18) Haverhill] EZ.

**WBOS** — [92.9S (19) Brookline] EZ background; foreign language programs.

\***WCGY** — [93.7S (24) Lawrence] Rock, few commercials. Automated.

\***WCOZ** — [94.5S (24)] Rock, few commercials.

\***WHRB** — [95.3S (18) Harvard U/Cambridge] Jazz, classical, rock. High quality col-



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lege station. Features 24-hour "music orgies" during Harvard reading periods (January and May). Few, low-key commercials. For free program guide call 495-4818.

**\*WJIB** — [96.7S (24) GE/Boston] EZ background. Very clean signal.

**\*WROR** — [98.5S (24) RKO General/Boston] Automated oldies.

**WPLM** — [99.1S (19) Plymouth] Music of 40's. Weak.

**\*WSSH** — [99.5S (24) Lowell] EZ background.

**\*WCOP** — [100.7S (24) NBC/Boston] "Progressive" country music.

**WLYN** — [101.7 (18) ABC-ent/Lynn] Variety.

**WCRB** — [102.5S (24) ABC-info/Waltham] The only full-time classical station left. BSO, Pops, and Tanglewood concerts (often live) Friday-Sunday evenings. "WCRB Saturday Night" comedy show weekly about 10:30-12:30am, then jazz 'til 8am. Few commercials 1am-6am any day. Weak signal.

**\*WEEI** — [103.3S (19) CBS/Boston] Light Rock.

**\*WBCN** — [104.1S (24) Boston] Free-form progressive rock. Long stretches of music, low-key announcements. Commercials are increasing, though some are entertaining. "Alternative" news at noon and 6pm. Some tolerable, even interesting DJ's. Strong signal.

**WPJB** — [105.1S (19) Providence] EZ during day. Classical evening programs. Weak signal.

**\*WVBF** — [105.7S (24) Framingham] Rock. Obnoxious commercials. Strong signal. Decent programming late at night.

**\*WBZ** — [106.7S (21) Westinghouse/Boston] Strong Signal. Top 40 rock. Appeals to high school crowd. However, it is excellent 10pm-2am.

**WAAF** — [107.3S (24) ABC-amer/Worcester] Rock. Few commercials.

**\*WWEL** — [107.9 (19) ABC-ent/Medford] EZ, ethnic programming. Strong signal.

## Television

Boston is blessed with 7 television channels. The VHF band is the home of the major networks, while the UHF band includes several interesting independents. WGBH, channel 2, is one of the best public television stations in the country and broadcasts some remarkably good films, concerts and experimental programs.

## TV Stations

**Call letters** — [Channel/Affiliation/Location]

\***WGBH** — [2/PBS/Boston] Films, documentaries, BSO concerts, experimental programs, public affairs. High quality programming, no commercials. They produce much of the nationwide programming seen on other public stations.

\***WBZ** — [4/NBC/Boston] Standard NBC fare.

\***WCVB** — [5/ABC/Boston] Standard ABC fare, some public-interest programming. All night programming.

**WTEV** — [6/ABC/New Bedford MA] Standard ABC fare.

\***WNAC** — [7/CBS/Boston] Standard CBS fare.

**WMUR** — [9/ABC/Manchester NH] Standard ABC fare, old movies.

**WJAR** — [10/NBC/Providence RI] Standard NBC fare.

**WPRI** — [12/CBS/Providence RI] Standard CBS fare, Red Sox.

**WSMW** — [27/Worcester MA] Movies, reruns, old movies, Celtics.

\***WSBK** — [38/Boston] Movies, reruns, sports, some CBS shows, Bruins, Red Sox.

\***WGBX** — [44/PBS/Boston] Educational, medical, science reports, experimental programming, language instruction. Associated with WGBH. If you missed a program on Channel 2, try 44 — it may have the same thing a few days later.

\***WLVI** — [56/Cambridge] Reruns, old movies. Creature Feature, Chiller Theater and Sherlock Holmes movies every Saturday night. It also has Star Trek 6 nights/week.

## Newspapers

The three daily Boston newspapers are **The Boston Globe**, **The Boston Herald-American**, and **The Christian Science Monitor**. The **Globe** is a liberal, Democratic newspaper. It carries syndicated columns, and was one of the first papers in the country to publish the celebrated "Pentagon Papers." The **Herald-American** is a Hearst product and is fond of sensationalism and banner headlines. The **Christian Science Monitor** prints news and analysis, generally of high quality, and has the most intelligent editorials of the Boston dailies. It is aimed at a national audience and is weak on local news.

Two weeklies, **The Boston Phoenix** and **The Real Paper**, are local examples of the "sea level" press. They regularly publish "muck-raking" articles about world, national and local affairs, and competition between the papers is fierce. Reviews of entertainment products and programs, complete listings of the week's events, and some incredible classified ads are also featured. Free college market versions, called respec-



tively **B.A.D.** and **The Free Paper** are distributed on the MIT campus in front of the Tech Coop on Tuesdays and Wednesdays.

The **Cambridge Chronicle** and other smaller weekly publications are oriented toward suburban populations or special-interest groups. There are some foreign language weeklies for minority groups in Boston.

Finally, several political groups have weekly papers which they are continuously hawking. These are often quite biased and polemical, but make interesting reading and occasionally break stories before the regular newspapers do.

*... and so, the science of genetics has made tremendous gains. For instance, statistical studies have shown that chances are that if your parents didn't have children, you won't either.*

— a 9th grade biology report.

### On Campus

There are five student newspapers published at MIT. **The Tech** (W20-483,x3-1541) has news, sports, commentary, and arts reviews, and is distributed on campus Tuesdays and Fridays during the school year. **thursday/monday** publishes commentary, creative writing, art reviews, news, and The Last Word (a page of interesting quotes). Last year **monday** also contained The UA News. **Ergo** (W20-443,d15-9181), an objectivist paper, is distributed each Wednesday at MIT, BU, Tufts, and Harvard. All these papers are given out free on campus, and will accept letters, articles and advertising.

**Sojourner**, the MIT women's community paper, and **The Graduate**, published by the Graduate Student Council, are published whenever they can scrape together enough staff.

The official MIT publication is **Tech Talk**, which is distributed free on campus every Wednesday. It includes a calendar of the week's events, feature articles, classified ads, and a listing of available MIT jobs. Ads are accepted from the entire MIT community.

The student publications **Tech Engineering News** and the literary magazine **MITHRAS** come out at varying intervals, and are sold in the lobby of Building 10.

The MIT radio station, **WTBS** broadcasts on 88.1 FM to the entire Boston area. Monthly schedules are sent out free upon request (x3-4000). (See the preceding section on **Radio**.)

The Sloan Foundation has provided a several million dollar grant for the establishment and operation of a cable television system at MIT. There are now two cable channels, six student programming organizations, and several monitors around the campus. One of the student groups, **MITV News**, broadcasts news programs on one of the channels every Thursday.

# Shopping

You can probably buy **whatever** you need here. However, Boston has the dubious distinction of having the *highest* cost of living in the continental United States. In addition, Massachusetts (Taxachusetts) hits you with a 5% sales tax on everything except clothing, textbooks, and unprepared food. Therein lie your troubles.

## Shopping Districts

Classy, exotic, and youth-oriented stores tend to cluster in Harvard Square and in Boston's Back Bay. Lower prices and more pedestrian merchandise can be found in Central Square and Coolidge Corner in Brookline.

Chinatown is found on Essex and Beech Streets, near the MBTA Essex subway station. The Italian North End is a large, exciting area across an expressway from the MBTA Haymarket station. Portuguese and Italian specialties and the best bargains in town are found in East Cambridge along the route of the 69 bus from Lechmere to Harvard Square.

Numerous shopping centers, located along Routes 9 and 128, offer branches of Boston's downtown stores, dime stores, drugstores, and gift shops. The Burlington Mall, Chestnut Hill Mall, Natick Mall, and North Shore and South Shore shopping centers are the largest. Although far from MIT, they offer the convenience of one-stop shopping and easily available parking.

## The Coop

The Coop (pronounced "coop" as in chicken) has stores at Harvard Square, the MIT Student Center, Harvard Business and Law Schools, and the Children's Hospital Medical Center. It is a department store which specializes in books and clothing, and is ostensibly operated for the benefit of its members. If you are a Coop member (and almost everyone here is), a percentage (between 5 and 8% in recent years) of your purchase expenditures is refunded in October of the following year. The rebate for charge purchases is the same as that for cash. **Note:** Cash is much quicker for small purchases and checks are the slowest for any purchase.

**Newcomers:** Coop membership costs \$1 per year and entitles you to a rebate and qualifies you for charging privileges. Go to the Customer Service desk at the rear of the store to pick up an application form.

Under new management, the Coop is gradually improving. Last year the rebate rate was about 7%. More frequent record sales, groceries in the Lobby Shop, and lower-priced clothes were all introduced in response to student suggestions. Other innova-



tions include weekly outdoor sales (in nice weather, Fridays at the MIT store, Saturdays at Harvard Square) and a larger poster department.

The Coop has cooperative arrangements with the following services; purchases made here by members can be charged on a Coop card and apply toward the member's rebate.

**Medical Center Pharmacy and Surgical Supply** — (319LongwoodAvBrookline, 566-1414).

**Sona of India** — (49PalmerStCambridge,868-7855) Gifts, jewelry, and handicrafts.

*The object of the Technology Store is to reduce the cost of living at Technology. It exists only for that purpose . . . [Last year, the dividends] amounted to over \$133,200 — this at the rate of 10% on charge purchases, and 12% on cash.*

— MIT Handbook, 1943

### Department Stores

The largest department store in Boston is **Jordan Marsh** (450WashingtonStBoston,221-3131). Other stores that are called department stores, but are actually little more than large clothing stores, are **Filene's** (426WashingtonSt,426-3800), **Gilchrist's** (417WashingtonSt,542-9700), and **R.H. Stearns** (140TremontSt Boston,482-0160). All are moderately priced. The world's largest **Woolworth's** is also downtown (350WashingtonSt,357-5353). to get to the downtown stores take the MBTA Red line to Washington or Park St. Check the Yellow Pages for details on suburban branches of the above stores. A special feature of Filene's and Jordan Marsh is the bargain basements (for details see **Clothing**).

**Sears** (1015MassAvCambridge,nearPorterSquare,868-7050) is not as inexpensive as one might expect, and the usual Sears quality is there (interpret as you wish). There is a catalog order warehouse store (201BrooklineAvBoston,536-7350), which can save you money, but Sears is very tightfisted with copies of its catalogs. There are also numerous Sears in the suburbs; check the telephone directory.

**Lechmere Sales** (88FirstGardenStCambridge,491-2000) is Boston's largest discount store and often has good buys on housewares and small appliances. Take the MBTA Green Line to Lechmere, or walk.

**The Garage** (BoylstonStHarvardSqCambridge) is not strictly a department store, but a collection of individual specialty shops under one roof. Quality is excellent, prices are high, and salespeople are obnoxious.

**Grand Central** (CentralSqCambridge) is a cheap imitation of The Garage. Merchandise boring, salespeople friendly.

**Goodwill Industries** (95BerkeleyStBoston,357-9710,1116MassAvCambridge,492-2999,other suburban branches) and the **Salvation Army Thrift Stores** (61BrooklineAvBoston,other branches) sell used clothing and furniture. Goodwill's Cambridge store seems to know that it caters to a captive student population and tends to be overpriced.

**Note:** In general, large stores in downtown Boston are open late Monday and Wednesday evenings. Stores in Cambridge are open Thursday evenings. Lechmere Sales and Sears are open every evening. Some stores are aberrant, so it's best to call for information on hours.

## Appliances

You should normally get advice from a knowledgeable person or organization before making a major purchase. The *Buying Guide Issue of Consumer Reports* provides pretty good comparative test results on various items. The magazine *Consumer Reports* is also useful, though it may be hard to find articles regarding the product you are thinking of buying. Both publications can be bought in the Coop or read in the Humanities Library.

**Lechmere Sales** in East Cambridge offers across-the-board discounts on all sorts of items. Other good places are **Luggage Distributors** (333 Washington St Boston), **Commonwealth Builders Supply Inc.** (1151 Comm Av Boston), and Sears. The **Jordan Marsh** warehouse has monthly sales; watch the newspaper ads.

Wherever you shop, find out if students get discount rates. They often do, but you won't get them unless you ask for them.

**Note:** American electrical equipment is made for 110-120 volts at 60 cycles per second. Such equipment cannot be used in other parts of the world where the electrical characteristics (voltage, frequency) are different, without modifying equipment. So be careful about taking your equipment out of the country. The same holds for foreign electrical equipment brought here.

All appliances should be checked for Underwriters Laboratories (UL) certification, which guarantees that they are electrically safe.

*If everything else fails try reading the instructions.*

## Books

### Textbooks

New textbooks can almost always be found at the **Tech Coop**. However, if you want to save money, check around for used texts. First, try people you know who have taken the course for which you want the book. After that, try the **APC Book Drive** (held in Lobby 10 at the beginning of the fall and spring terms), the **TCA Book Exchange** (all year round, in the TCA Office), or check the bulletin boards for ads, especially after the end of a term. If you are really energetic (and particularly if you are looking for something that might be a text used at Harvard, e.g. humanities), check the **Harvard Book Store** and **The Bookcase** near Harvard Square. The Tech Coop occasionally has a few used texts.

### New Books

**Harvard Bookstore** — (1248 Mass Av Cambridge, Harvard Sq) Large selection of paperbacks, some hardbounds, many used texts, many used paperbacks.

**Harvard Coop** — (1400 Mass Av Cambridge, Harvard Sq) Large selection of everything. "Boston's biggest bookstore."



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**Lauriat's** — (30FranklinStBoston) Good selection of hardbounds, moderate number of paperbacks, some used books.

**New England Mobile Book Fair** — (82NeedhamStNewton) Excellent selection of hardbacks and paperbacks at a 20% discount.

**100 Flowers Bookstore Cooperative** — (15PearlStCambridge,CentralSq) New and used books. Members get a 15% discount. Costs \$3 to join, plus 2 hours work every 3 months. More than a bookstore, it is involved in community projects, literary and musical events, and offers the opportunity to help run the co-op.

**Paperback Booksmith** — (37ABrattleSt,HarvardSq;KenmoreSq; 751BoylstonSt-Boston) Moderate selection of paperbacks, open late and Sundays.

**Phillips Brentano's** — (7HolyokeStCambridge,HarvardSq) Moderate selection of paperbacks, good selection of hardbounds.

**Reading International** — (47BrattleSt,HarvardSq) Good selection of paperbacks and magazines.

### Used Books

**The Book Exchange** — (85CharlesStBoston) Bring in used paperbacks, receive credit toward purchases. New & used books.

**The Bookcase** — (42ChurchStCambridge,HarvardSq) Huge selection of used paperbacks and texts.

**Brattle Book Shop** — (5WestStBoston) A used-book lover's heaven. Over 350,000 books filling four floors. Highly recommended. Just visiting it is an experience. If George Gloss doesn't have it, it probably wasn't published.

**Goodspeed's** — (2MilkStBoston,8BeaconStBoston) Good bargain tables; otherwise overpriced.

**Pangloss Book Store** — (1284MassAvCambridge,HarvardSq) Lots of used hardbounds, with large bargain tables downstairs.

**Starr Book Co.** — (37KingstonStBoston) Great selection of used hardbounds, reasonably priced. Highly recommended.

**Starr Book Shop** — (29PlymptonStCambridge) Great selection of used hardbounds.

**See also:** **Harvard Bookstore** and **Lauriat's** under **New Books**.

### Specialty Shops

**Asian Books** — (12ArrowStCambridge,HarvardSq) Just books on Asia.

**Grateful Union** — (1134MassAvCambridge,HarvardSq) Bookstore equivalent of a head shop.

**Grolier** — (6PlymptonStCambridge,HarvardSq) Poetry.

**Harvard Press** — (1135MassAvCambridge,HarvardSq) Harvard Press books.

**Mandrake Bookstore** — (8StoryStCambridge,HarvardSq) Specializes in art, architecture, and philosophy books.

**Million Year Picnic** — (36BoylstonStCambridge,HarvardSq) Science Fiction. See ad elsewhere.

**New Words Bookstore** — (419WashingtonStSomerville) Women's books.

**Schoenhof's** — (1280MassAvCambridge,HarvardSq) Foreign books, prints.

**Science Fantasy Bookstore** — (18EliotStCambridge,HarvardSq). See ad elsewhere.

**Thomas More** — (6HolyokeStCambridge,HarvardSq) Harvard Press books.

*I find that a great part of the information I have was acquired by looking up something and finding something else on the way.*

— Franklin P. Adams

## Building Supplies

There are several lumber yards in this area, including **Somerville Lumber** (779McGrathHwySomerville,623-2800), which delivers free for sizeable purchases, and **Sterritt Lumber** (50AlbanyStCambridge,across the railway lines from the Institute power plant,547-0040), which delivers for a \$3 charge, or free for orders of more than \$50. Sterritt is the only lumber yard within walking (and carrying) distance of MIT, and it is *expensive*. **Cambridge Lumber and Supply Co.** (135HarveyStCambridge,876-4460) is far from MIT, but might be worth taking the trip. See their ad elsewhere. Lumber prices seem to decrease exponentially with increasing distance from MIT, and prices in the suburbs may run as low as one-sixth the levels in Cambridge. If you're building something large, it may even pay for you to rent a truck for transport.

**Simpson Inc.** (300SidneyStCambridge,547-8921) is a convenient source of bricks and cinder blocks as well as other materials.

## Buttons

Campaign and promotional buttons can be made on 2-3 days notice by **Universal Badge Co.** (27KingstonStBoston,423-3395, open 24 hours a day). Prices are about \$25 for 100 (minimum order) and \$72/1000, plus \$10 for special emblems or designs. There are other companies, too; check "Badges" in the Yellow Pages.

## Calculators

Hewlett-Packard and Texas Instruments are the most popular brands. However, unless you are buying a programmable, state-of-the-art calculator, you can usually do better with a Casio, Omron, Corvus, or Novus. The Coop offers a good selection and reasonable prices. However, **Lechmere Sales**, **Jordan Marsh**, and other department stores are frequently cheaper, so be sure to shop around. **Markline** (1105MassAvCambridge) is a discount store that sells only calculators and has good buys and friend-



ly, helpful salespeople. **Tech Talk** and the Institute bulletin boards frequently have ads for second hand calculators at giveaway prices.

### Clothing

The key to comfortable dress in Boston is wearing several layers of clothing. Since you can't count on a day ending the way it began, and since even the weatherman has trouble predicting, you need the ability to add or remove a layer as necessary. This philosophy carries over into spring and summer, since building Superintendents often don't keep up with the ever-changing climate. A light jacket can be useful even during a heat wave, to help cope with the arctic conditions maintained in some buildings.

Close woven outerwear is important in warding off the wind. A heavy but loosely woven overcoat is practically useless when a 30mph winter wind starts drilling through. By the way, Boston, not Chicago, is the windiest city in the US.

Boston's better clothing stores are along Boylston St. from the Prudential Center to the Public Gardens. Women's apparel can be found in **Bonwit Teller** (in what was an MIT building many years ago), **Sak's Fifth Avenue**, **Lord and Taylor**, and some of the smaller shops on Boylston and Newbury Streets. Men's stores include **Brooks Brothers** on Newbury St. and **Louis** of Boylston Street for elegant clothing.

Clothes are sold at the large department stores downtown, including **Filene's**, **Jordan Marsh**, **Gilchrist's**, and **Kennedy's**. Filene's is famous for its bargain basement, where things get sent after not being sold in the store upstairs, or elsewhere. Every week, the price is reduced by a quarter of the original price (they're given away after a month). The items sold here are often irregulars and seconds (merchandise defective in some way, often so minor you would never notice it). On busy shopping days, the crowds resemble a medium-sized riot, and inhibitions disappear as people try things on in the aisles. It's worth visiting, if only for the laughs. If you shop there, be careful that what you buy isn't beyond repair, such as pants missing a zipper or something like that. Sales on a few items are final. **Note:** Jordan Marsh also has a bargain basement, though it is not nearly as rowdy as Filene's.

The shops on Charles St. at the foot of Beacon Hill, and those near Harvard Square offer far-out styles. Sports and work clothes, along with Levis and pea jackets, are available at the many Army-Navy stores dotting the landscape (cheap, but watch out for poor quality).

**Sears** has a surplus clothing store in Boston (401ParkDr, near FenwayPark) and the department store in Cambridge also sells clothes. Good buys on children's clothing can be found at **Gilchrist's** (also near Porter Square in Cambridge).

**Good's Department Store** (11-23BoylstonStHarvardSq) has a wide and interesting selection, and very high prices. They have both men's and women's clothes. **Dazzle**, upstairs from Good's, has thirties clothes. See their ad elsewhere.

The **Harvard Coop** has stores at Harvard Square and MIT which sell clothing and much else. Clothing quality is generally very good, and the prices are correspondingly high. The Coop also has low-priced lines, but as elsewhere, make sure you don't get stuck with something shoddy.

*Garments of righteousness never go out of style.*

— Salvation Army Bulletin Board

## Chess Supplies

The **Boston Chess Studio** (335NewburyStBoston,267-4077) reputedly has good supplies and helpful clerks.

## Cutlery

If you crave an interesting piece of cutlery, or simply a good carving knife, **Stoddard's** (50TemplePlBoston) is the place to go. Also, try **Market Grinding Service** (70NewburySqRoxbury).

## Duplicating Services

There are hundreds of printers in Boston, and a xerox machine in every 5&10. The places listed below are those closest to MIT. On large jobs, some shopping around is wise. On very large ones you should seek out someone knowledgeable for advice (LSC and *The Tech* are among people you could talk to). See the section on **Facilities** for on-campus printing and copying.

**Copy Cop** — (815BoylstonStBoston,267-9267) Best on exotic items: oversized and colored xeroxes, xerox reductions, copying color slides, competent instant printing and bindery. See their ad elsewhere.

**Gnomon Copy** — (245MassAvCam&3stores inHrvtSq,492-2222) probably the most prolific copy service in the world, with rates to match. Gnomon Press, the instant printing division gives 2-3 day turnaround at prices that usually beat do-it-yourself at LSC, (the quality isn't perfect though). See their ad elsewhere.

**Sir Speedy** — (895MainStCam,876-6098) Opposite the Shell station up Mass Ave. Full service printer and copy center. See their ad elsewhere.

**Spaulding Co** — (251VassarStCam,491-1230) Across the street from Briggs Field (branches throughout Boston). Complete printing and copying facilities.

## Electronics

Undoubtedly the most interesting local electronics supply store is **Eli Heffron and Sons** (139HampshireStCambridge,547-4005). They have a constantly-changing inventory of surplus devices, parts, components, and junk (especially the latter). Bargaining is in order on the more expensive items.

If you want something which is more likely to work and to meet specs, you can go to **Lafayette Radio Electronics** (1048CommAvBrookline,267-8900) or **Radio Shack** (730CommAvBoston,734-5855), which is usually out of whatever you need. The **Electronics Research Society** (20B-119,x3-2060) has a large selection of parts for members at reasonably cheap prices. Call them for details on membership.

*Man is the only asynchronous computer that can be mass produced by unskilled labor.*

— door in 6.711 lab



## Fabrics

For those who have a knack for decorating themselves or their homes with cloth, there is a wide variety of patterns and textures available in this vicinity.

One of the largest and best, though not necessarily cheapest places to buy fabrics is **General Textile** (47 Temple Place Boston, in the shopping district downtown). They have a large selection taking up four floors, and will order some things for you if they don't have them on hand. Other good places to start are **Pins N' Needles** (493 Mass Av Cambridge, Central Sq) and **Corcoran's** (615 Mass Av Cambridge, 864-3000). Major department stores also have yard goods departments, and fabrics are also available at **Singer Sewing Centers** all over the metropolitan area, the nearest one to MIT being in Central Square in Cambridge.

You can buy fabric at wholesale prices in the fabric district (MBTA: Essex), but you should know what you're doing if you shop there. Good places to try are **Winmill Fabrics** (111 Chauncy St) for polyesters and drapery material, **Northend Fabrics** (31 Harrison Av) for fake fur, and **New England Textile** (50 Essex St) for cottons and linens. **Windsor Button Shop** (36 Chauncy St) is great for embroidery equipment, trims, lace, and all sorts of accessories.

For unusual but expensive fabric try the imports at **Fabrications** (44 Brattle St Cambridge) and the Marimekko designs carried by **Design Research** (48 Brattle St Cambridge).

## Flags

**The Flag Center** (1865 Mass Av Cambridge, 876-1040) is supposedly the largest flag store in New England. Incredible number of flags in stock and they can make custom designs on short order.

## Florists

**Central Florist** in Central Square is friendly and inexpensive. **Galgay the Florist**, further up Mass Ave, is fancier and more expensive. **Sidney Hoffman's** in Kenmore Square is friendly and not too expensive. Remember that most florists have FTD (Floral Transworld Delivery) or an equivalent so that you can send flowers almost anywhere. One of the best places to get flowers, though it will not do any arranging is **Dock Square Florist** at Dock Square in Boston, just south of Haymarket. It is open almost all the time. You can also get good, inexpensive flowers at the **Park Street MBTA Station Florist**.

## Food

Food is expensive in Boston, even in the largest supermarkets, but there are some ways to get around the high prices. A few are listed below; you can find others by asking about the best places to buy things.

## Supermarkets

MIT is in the center of a mercantile wilderness. The nearest grocery store is **Main Market** (782 Main St Cambridge, Main & Windsor Sts, behind the D-Labs, 547-8400) a small self-service store which takes telephone orders (\$5 minimum, no delivery charge for MIT dormitories) and has some Puerto Rican food. The next nearest food stores are **Purity Supreme** in Central Square and **Stop and Shop** at the Charles River Plaza

across the Longfellow Bridge or past the BU Bridge on Memorial Drive. The **Coop Lobby Shop** also has a few items; prices here, however, are usually higher than the large supermarkets and the selection is very limited.

There are four big chain supermarkets in the area: **Stop and Shop**, **Star Market**, **Purity Supreme**, and **First National**. Competition among them is keen, and if you live near several of them, you should consult the newspapers for the weekly specials. If you want to cut costs you should be attuned to the likelihood that the supermarket down the road will sometimes sell meat more cheaply than the one across the street, though vegetable prices may be better at the latter. Stop and Shop and Star Market have the advantage of staying open late on evenings; check **Late-Night Shopping** for info. Certain Stop and Shop stores have delivery service (the one on Memorial Drive doesn't) and Star Market delivers but not to Cambridge. Most chain stores will cash personal or payroll checks once you get a courtesy card from their customer service desks, a process which takes about three weeks. There is often a trivial charge (10 or 15 cents per check) for this service. Stores have different limits on personal checks they will cash, the average being about \$35, not more than once a week. The limit on paychecks often runs quite a bit higher.

Small grocery stores are distributed throughout residential areas. They are often higher-priced than big stores. The service and quality start at adequate and can build impressively as you get to know the owners. Some stay open until odd hours (11pm or even later) and many are open on Sundays. Quite a few of them deliver on telephone orders, a useful feature for dormitory groups and large apartments.

### Haymarket Open-Air Market

There is an open-air market in the Dock Square area of Boston, next to the Haymarket MBTA station and immediately north of Faneuil Hall. A few merchants operate there all week (except Sunday). Friday and Saturday, the place is jammed with people. Fresh fruits and vegetables can be bought there very cheaply, but a few words of caution are in order.

1. Prices vary from booth to booth. The general rush makes moving from place to place extremely difficult, so comparison shopping is a tough job. In general, the booths on the fringes of the area will have higher prices because they can count on receiving business from those not hardy enough to wade into the general fray.
2. Quality can be wonderful, as will become obvious when you see the beautiful displays of fruit and vegetables in the front of every cart. However, merchants normally pick your items from a big box or bag (or the back of the display), which does not necessarily contain food as good as that which is on display. So watch carefully and don't let him fill up your bag without seeing what's going in there. Be sure to check the merchandise before paying and walking away; often you can exchange bad produce.
3. There are wholesale-retail meat stores in the buildings alongside the market, in Quincy Market and around Faneuil Hall, which sell at very low prices. But don't have unreasonable expectations; the things selling for 49 cents a pound are *not* filet mignon. Once you build up a relationship with some of the butchers, you can get excellent bargains, but until then you should watch what you're getting very carefully. If you



want good meat you'll have to pay for it. During the summer, it is best to frequent the merchants with good refrigerated rooms.

4. There are also grocery, cheese, leathercraft and other stores around the area. **Al Capone's** is an especially wonderful place to buy cheeses of all sorts at low prices. It's at 72 Blackstone Street.

5. Watch your wallet or pocketbook. Pickpockets love crowds and are out in force on Fridays and Saturdays.

6. Haymarket is open from 6 to 6 on Fridays and Saturdays during the fall and winter. During the summer the hours get somewhat longer. The above hours are the official ones; merchants who haven't sold out by 6 sometimes hang on until 9, unless the weather is very bad. Prices get lower as closing hour approaches, but the advantage of shopping late is dubious since the merchandise is often poorer and has already been sitting out there for as much as 12 hours.

In general, Haymarket offers prices at about half those of supermarkets, and is a very entertaining way to shop. If you can spare the time and effort and don't mind crowds, you should certainly get over there at least once to sample this holdover from colonial times.

### Cooperatives

Cooperatives have been springing up all over the area. The basic idea is that a group of people can pool their food orders and buy things wholesale in order to cut costs. Many of the larger cooperatives are block cooperatives, though there are some that are larger still, and some that operate out of churches or community centers. Ask around among your neighbors if you want to get into one. The **Cambridge Food Coop** (MassAvCambridge,661-1580), located several doors in the MIT direction from Purity Supreme in Central Square, has been operating for several years. The **Rising Earth Food Coop** (96RiverStCambridge,354-8846) specializes in grains and other "natural foods."

**Note:** The IFC purchasing office in W20-413 is essentially a food cooperative, albeit one with a limited, well-defined clientele.

### Foreign and Specialized Food

There are food markets in Boston catering to all ethnic, religious and socio-political tastes. The following descriptions provide a brief introduction to the facilities available. For Chinese foods, go to Chinatown in Boston. (**MBTA Essex**). You'll find a complete selection of foods and spices, as well as cooking utensils. **Eastern Market** is the best place to communicate in English. Selections tend to be somewhat Americanized. For woks and other utensils try **Reginald Wong and Co.** (SouthSt, about two blocks from Chinatown). Japanese food is available from **Yoshinoya** on Prospect Street, just off Central Square. Two of the many Greek and Middle Eastern stores are **Samos' Market** (221BroadwayBoston, in the South End) and **Tripolis Fruit Store** (133HarvardAvAlIston). For Italian specialties you can try **A. Baldini & Co.** (27PortlandStBoston) or just wander into the North End of Boston (immediately east of Government Center) or up Cambridge St. in Cambridge. **Main Market** (MainStCentralSq) carries Puerto Rican and Spanish-American selections. **Cardullo's Delicatessen** (6BrattleSt

Cambridge, Harvard Sq) has a good selection of Indian, Mexican, Scandinavian, Japanese and many European regional foods, but it is very expensive. **Savor's Market** (92 Kirkland St Cambridge) has a variety of interesting foods, including a good Jewish Challah.

Cheeses are available from a variety of stores including the one mentioned above under the open-air market. The prices tend to run high. It is not unusual to pay \$2.50 a pound and up for really interesting cheeses. The best places to buy them are **The Cheese Shop** (102 Tremont St Boston), the **Wine and Cheese Cask** (407 Washington St Somerville), Haymarket, and the North End of Boston. The worst places to buy them are the fancy shops around Harvard Square and other *haute couture* areas; the price differential is quite large.

Organic and natural foods can be purchased at several stores set up specifically for that purpose. The nearest one to MIT is **Nature Food Stores** (714 Mass Av Cambridge, a block past Central Sq). **Erewhon Trading Company** (342 Newbury St Boston, 1731 Mass Av Cambridge) has a large selection with reasonable prices and sells grains and beans in bulk. **Boston Natural Food Co.** (154 Newbury St Boston) is a good place for spices and canned "health foods," but not for grains. **Nature Food Stores** in Kendall Square near East Campus has a poor selection at ridiculous prices. **Organic Food Cellar** (1050 Mass Av Harvard Sq and 297a Newbury St Boston) has a good selection and reasonable prices. Other local stores are **Cambridge Health Foods** and **Cambridge Country Store**, both on Mass Av in Cambridge past Harvard Square. Fresh vegetables are best purchased at Haymarket, and many local groceries have good stocks of vegetables, nuts, and beans. There are also macrobiotic restaurants; some are listed in the **Restaurant** chapter.

Spices and herbs can be found at various locations in the regular supermarkets (such as Savor's; see above) in the several foreign food stores, and at the nature and organic food stores. Two examples of the latter are **Attar** (31 Putnam Av Cambridge) and **Erewhon** (see above). Also, there are established spice and herb stores such as **Cambridge Country Store** (1759 Mass Av Cambridge; 588 Comm Av Boston; 42 Charles St Boston) or **G.S. Cheney and Co.** (7 Union St Boston).

Kosher foods are available from several locations, most of them on Harvard St in Brookline. Ask at the Hillel Office (x3-2982) for specific information.

Fish can be bought at **Legal Sea Foods** (237 Hampshire St Cambridge, in Inman Sq), which also boasts a seafood restaurant. Nobody knows why it's called *Legal* though most people seem to agree that is indeed legal. (Julia Child buys her fish there). Fish can also be found in the North End of Boston, notably at **Guiffre's Fish Market** (50 Salem St Boston). **Folsom's Seafoods of Boston** (162 Mass Av Boston) has a large selection of very fresh fish and take-out fish plates. **Carl's Market** (16 Central Sq Cambridge) looks dingy on the outside but has excellent fresh fish and the lowest prices around.

## Bakeries

Bakeries tend to cluster in ethnic areas. Italian ones can be found in Boston's North End and in Cambridge along Cambridge St. **Royal Pastry Shop** (738 Cambridge St-



Cambridge) and other bakeries near there have delicious breads, cakes, and other goodies. Jewish bakeries are centered on Harvard St. near Coolidge Corner in Brookline. **King Bagel** (419HarvardSt), open until 2am, is a good place to buy bagels. **Eagerman's**, the bagel supplier for the Student Center's 24 Hour Coffeehouse, has a surplus bakery outlet (320HarvardSt) that sells fresh bagels, breads, and some pastries at reduced prices. Bakeries in Chinatown sell meat-filled pastries as well as sweets.

Bakeries in the Harvard Square area generally specialize in pastry. Of note are **Blacksmith House** (56BrattleSt), **Cuckoo's Nest** (1670MassAv), **Sage's Bakery Kitchen** (60ChurchSt), and the **Bagel Bin** (1105MassAv). **Baby Watson** (TheGarageBoylstonSt) specializes in overpriced cheesecake.

The closest places to buy fresh doughnuts are **Dunkin Donuts** (MassAvCentralSq Cambridge), **Harvard Donut Shop** (CentralSq) and **Topp's Do-nuts** (795MainSt Cambridge). The **24 Hour Coffeehouse** on the second floor of the Student Center sells Dunkin Donuts.

Groups of ten or more people can have bread delivered wholesale from **Kasanof's** (364-1765) and **Genest** (395-8330).

### Dairies

Surprisingly, having milk delivered to your dorm or apartment can be cheaper than buying it in a supermarket if you and your friends make a large enough order. **Brox's Dairies** (1-682-9659), **Sunnyhurst** (438-5500), and **Blue Ribbon Dairy** (275-7261) deliver to the MIT area.

### Liquors, Beers and Wines

There are numerous liquor stores in the Boston area carrying the popular brands of beer and liquors along with some assortments of wine. Prices vary, but generally the larger stores have lower prices. Some grocery stores and most of the larger supermarkets also sell alcoholic beverages, notably **Purity Supreme** in Central Square and **Stop and Shop** near the BU Bridge.

In order to buy liquor in Massachusetts, you have to prove you're 18. The regulation is randomly enforced, but things get noticeably tighter around election time.

the following stores either have convenient locations or above average selections and service. The list is not exhaustive and is somewhat dated, but it should be fairly reliable.

**Berenson Liquor Markets** — (70SummerStBoston, one block south of Filene's, 482-7272; 1024BeaconStBrookline, 277-7020; PrudentialConcourseBoston, 536-4515). Knowledgeable salespeople. Credit cards accepted.

**Brookline Liquor Mart** — (1354CommAvBrookline, 734-7700) Offers a good selection of wines with low prices and helpful salespeople. Credit cards accepted.

**Cave Atlantique** — (34BoylstonCambridge, 492-1780) Does its own importing, resulting in substantial savings on Spanish sherry and other selections.

**Central Square Wine** — (694MassAvCentralSqCambridge, 492-5245) This small family-run place offers an excellent selection of wines plus many varieties of beer, both

domestic and imported. Also featured are imported cheeses and authentic French bread, fresh daily.

**Harvard Provision Company** — (94MountAuburnStCambridge,offHarvardSq,547-6684). Pretty good selection of all sorts of drinks. Free parking, free delivery, credit cards accepted. There is an ice machine outside operating 24 hours a day.

**Harvard Wine and Liquor Co.** — (CoolidgeCornerBrookline,277-9000). A fine selection of wines. The proprietor is an old MIT grad with a thorough knowledge of wines, which he shares generously with bewildered novices. Credit cards accepted. The place is headquarters for wine-lovers' organizations.

**Lechmere Wines Co. Inc.** — (4CambridgeStCambridge,492-7734). Wines and beer at discount prices.

**Libby's Liquor Market** — (575MassAvCentralSqCambridge,354-3678). Convenient location, reasonable selection.

**Martignetti's** — (1650Soldier'sFieldRoadExtensionBrighton,782-3700). The world's largest liquor store. A huge selection of anything ever fermented or distilled. Low prices. Free parking.

**Savor's Liquor Mart** — (100KirklandStCambridge,547-7300). Good selection and knowledgeable assistance. Credit cards *not* accepted, *no* delivery. Part of the Savor's Supermarket complex.

**Warehouse Liquors** — (LechmereSalesCambridge,354-0488). The lowest prices in Massachusetts.

**Wine Cellar** — (922BeaconStBoston,247-8100). A favorite of MIT students. Prices are slightly higher than average. Free delivery. Let them know you are from MIT.

## Soft Drinks

You can order Coke, Fresca, Sprite, Tab, Fanta, root beer, orange, ginger ale, and grape soda from the **Coca-Cola Bottling Company** just across the Charles River in Allston (782-9000). The minimum order for free delivery is 10 cases, not necessarily all the same beverages. Coke is available in 16oz. bottles and 10oz. bottles; the others are available only in 10oz. bottles. When ordering, make sure you mention that it is for a dorm or living group; they don't deliver to individuals.

**University Distributing Co.** delivers Cott soda (547-5542). They stock many flavors, regular or diet, in cases of 32oz. and 10oz. bottles, and 16oz. cans. There is a minimum order for free delivery.

**Pepsi-Cola and Mountain Dew** (254-2400) can also be delivered, as well as **Canada Dry** (890-2200). **Hires Root Beer**, **Dr. Pepper**, **R.C. Cola**, and **7-Up** (444-3100) can be delivered in non-returnable bottles.

## Framing

**Frameworks** (7UplandRdCambridge,nearPorterSq) is a do-it-yourself frame shop.



## HoToGAMIT

They provide materials and advice; you do the work and save about half the cost of custom framing.

### Furniture

There is a tremendous turnover of furniture in the Boston area, especially at the beginning of the summer. If you go about it right, you can furnish an apartment quite cheaply. You can also be assured of being able to resell once you finish with it.

In addition to the ever-present bulletin boards and *Tech Talk* classifieds check the **Technology Matrons' Furniture Exchange**. It's located at 25 Windsor St in Cambridge (the back of one of the Draper buildings), and is open Tuesdays and Thursdays from 10am to 2pm. They buy and sell used furniture. Call x3-4293 for more information. **Goodwill**, the **Salvation Army**, **Divine Sales** (415MassAvCentralSqCambridge), and several stores near Porter Square also sell used furniture, though nowhere near as cheaply.

The **Cambridge Furniture Co.** (438MassAvCentralSqCambridge), **Paine Furniture** (81ArlingtonStBoston), **Filene's** warehouse (HighlandAvNeedham, off Rt128), **J. Homestock** (160VFWHwyDedham), **Jordan Marsh** and **Sears** sell new furniture in a wide range of styles and prices. **FOB** (25FirstStCambridge), **The Lower Story** (171HuronAvCambridge), and **Fair Exchange** (19DunsterStCambridge) offer contemporary furniture less expensively than most places. For custom designed furniture, try **Creative Comfort** (472Mass AvCambridge), **Country Workshop** (2327MassAvCambridge), and **Butcher Block** (25MtAuburnStHarvardSqCambridge). You will probably find, however, that buying new furniture is prohibitively expensive.

Unfinished furniture is less expensive, but by no means cheap. Check the **Circle Furniture Co.** (281ConcordAvCambridge), **General Builder's Supply** (135HarvardStCambridge), and the **Wood Shak** (988MassAvCambridge).

Another option is to make what you need. Check the **Door Store** (940MassAvCambridge) for furniture components, **Ray's Foam Mattress and Cushion Co.** (26aOtisStCambridge) and **Brighton Upholstering Co.** (201MsrO'BrienHwyCambridge) for foam rubber, and **Plywood Ranch** (107FirstStCambridge) for wood. (See also **Building Supplies**.)

Furniture can be rented from several stores, although it's quite expensive. They include **Apartment Furniture Leasing Co.** (1045MassAvCambridge), **Fournier Furniture Renting** (10UplandStCambridge), **Aaron Furniture Renting** (640CentreSt-JamaicaPlain) and **Abby Furniture Renting Co.** (2Green StJamaicaPlain). For more information, inquire at the Off-Campus Housing Service.

In the Yellow Pages, check the listings under Furniture, Furniture-Renting, and Furniture-Used. *Avoid* stores that specialize in package deals, use high-pressure sales tactics or have contracts including hidden costs. In general, remember that it may be necessary to rent a truck or trailer to get your furniture home, or to pay for delivery; figure these charges in your total costs.

### Waterbeds

A boom in waterbeds is sweeping Boston, if nowhere else. There are now at least a dozen stores in the Boston area selling waterbeds, with tremendous variations in

prices, quality and service. A few words about waterbeds: First, they are heavy; don't put a full waterbed where you would be afraid to put a Volkswagen. Second, they may require special heating units for the winter, especially if your apartment sometimes gets chilly. Third, it's best to get a full liner to contain the water in case of leaks. Fourth, they're wonderful; everyone should try one at least once.

## Hardware

There are hardware stores all over the Boston area, with industrialized Cambridge having more than its share. We shall satisfy ourselves with a listing of the nearest ones.

**Bay Paint & Supply Company** — (988MassAvCambridge,876-6132) Excellent, friendly service. Will usually take the time to teach you how to use what you buy there.

**Dickson Bros. Hardware** — (26BrattleStCambridge,876-6760) Good selection, courteous and helpful service, and high prices. Free delivery. See ad elsewhere

**General Hardware and Supply** — (443MassAvCambridge) has excellent selection, friendly staff, and good prices.

**Pill Hardware, Inc.** — (743MassAvCambridge,876-8310) Very good selection, knowledgeable assistance.

**Central Sq. Hardware and Tool Rental Co.** (453MassAvCambridge,547-0802) has an impressive selection and true to its name, rents various tools and equipment. Watch out though: the proprietor is grumpy and hates anyone who looks like a student.

## Late-Night Shopping

This section is written for those of you who prowl the streets late at night in search of something to buy (see also **Restaurants**).

**Phillips Drug Co.** — (155CharlesStBoston, just across LongfellowBridge) Drugs, newspapers, some food, some other items. Always open.

**Gnomon Copy** — (1304MassAvCambridge) Xeroxing, photo-offset, open 'til 1am; (319MassAvCambridge) open 'til midnight.

**Star Market** — (PrudentialCenterBoston;BoylstonStBoston,inFenway) Supermarket, open 24 hours.

**Stop and Shop** — (MemDr, past BU Bridge; ChurchPark, near SymphonyHall) Supermarket, open 'til 11.

**Purity Supreme** — (CentralSqCambridge) Another supermarket open 'til 10 every night.

**Paperback Booksmith** — (37BrattleStCambridge,HarvardSq) Books. Open 'til 1am, on Fridays and Saturdays 'til 2am.



## HoToGAMIT

**Eaton's** — (1956BeaconSt, at ClevelandCircle) Newspapers, food, tobacco. Closes at 3:30am.

**24 Hour Store** — (CentralSqCambridge) groceries, essentials.

**Quick Shop** — (4CollegeAvSomerville,DavisSq) Miscellaneous supplies, food, hardware, has almost anything you might want at 3 in the morning. Always open.

**Store 24** — (1717BoylstonStBoston,KenmoreSq,HarvardSq,cornerB'way+ProspectStCambridge,others) Open 24 hours a day. A miscellaneous collection of trashy items and a few groceries at arbitrarily inflated prices.

**King Bagel** — (419HarvardStBrookline). Bagels, pastries, open 'til 2am.

**Strawberries** — (30BoylstonStCambridge,HarvardSq) Records, tapes, books. Open until 10pm, midnight Fri and Sat.

**Commonwealth and Granby Gulf Service Station** — (605CommAvBoston,nearBU) Always open.

**Takis Shell Service Station** — (MassAv at MainStCambridge) Almost always open.

## Music Stores

The closest music store to MIT is E.U. Wurlitzer at MassAv. & Newbury in Boston. It is usually crowded, but prices on most instruments, especially recorders and guitars, are lower than list prices, and the merchandise is generally very good. **Beacon Musical Instrument Co.** and **Boston Music**, both on Boylston across from the Common, have large selections of most instruments at higher prices. Beacon is connected to **Carl Fisher**, which is the largest seller of sheet music in Boston. Fine woodwinds and some guitars are sold at **Rayburn's** (263HuntingtonAvBoston) though selection is smaller. The Harvard Square stores **Briggs & Briggs** (1270MassAv) and **The Instrument Exchange** (TheGarage) have even higher prices than the downtown stores, though the Exchange has an excellent repair service. **Central Sales** (742MassAvCambridge) has a fantastic selection of all types of instruments, especially guitars. Prices are lower than any of the aforementioned stores and can usually be bargained down even further. However, most of their instruments are used, so make sure you know what you are looking for. **The Record Garage** (12aEliotSt,HarvardSq, behind Coolidge Bank) gives good deals on guitars and amps, and often carries used Martins for under \$350. Other places to try are the ads in *Tech Talk* and *The Free Paper* and the Yellow Pages for specialized dealers.

## Outing Supplies

The fastest way to buy outing supplies is at the largest local supplier, **Eastern Mountain Sports** (1041CommAvBrighton), but EMS salespeople are often unhelpful if not downright hostile. Furthermore, substantial savings can be realized by checking prices at other local stores and major out-of-town suppliers and by buying at **MIT Outing Club** sales. Local stores include **Wilderness House** (117BrightonAvBrighton), which is much smaller than EMS but often has the same item at a lower price,

**Backpackers' Country** (50BoylstonStHarvardSqCambridge), which has limited selections but knowledgeable, helpful salespeople, and **Herman's World "High Adventure Shops"** (Braintree,Framingham,Peabody) which often has lower prices than EMS on the same item. **Central War Surplus** (433MassAvCambridge) and **Lechmere Sales** often have some outing items, but watch the quality. Large out-of-town suppliers are often cheaper. The MIT Outing Club (W20-461,x3-2988) has catalogs of local and out-of-town stores and occasionally runs 20% off sales. Watch their bulletin board (near Medical Dept) for sale announcements or go to their meetings (Mon and Thurs 5-6).

Buy exactly what you need. Make sure the quality is high enough but not too high. Can you buy a house brand instead of a nationally known top quality item? Check *Backpacker* (a national magazine) or the Outing Club for good deals. Save by buying kits instead of finished clothes, synthetic fill instead of down.

## Pets

If you want to buy a pet (such as a dog or cat) or maybe even get one for free, check the classified ads in the local papers, especially *Tech Talk*, *The Boston Phoenix/BAD* or *The Real Paper*. You may also use the *Globe* or the *Herald American*, but their advertisers usually want money for the animals. They are, however, a better place to look if you want a pedigreed animal.

The local chapter of "Friends of the Earth" will sometimes pay for the expenses of having an animal castrated or spayed. This must be arranged with you, them, and your veterinarian.

## Photo Equipment

Photography is a popular mania (hobby) among MIT people. You can normally find what you need at the camera stores in Harvard Square, **Kenmore Camera**, and **University Camera** near Kenmore Square, **Wolf and Smith** in Central Square, and **Lechmere Sales**. Make sure that you don't buy last year's camera at this year's prices. You can obtain professional photo supplies from **Copley Professional Sales** (333NewburyStBoston,267-9838), and **Crimson Technical Sales** (152SmithStCambridge,868-5150). Cameras sometimes undergo drastic price reductions so watch for sales. You can try the **Tech Coop** camera department, but it is not in a class with firms mentioned above. For further information, consult your local photography hacker, or try calling the **Technique** photography staff (W20-457,x3-2986) or **The Tech** (W20-483,x3-1541).

## Plants

You can get inexpensive plants at the **Technology Matron's Plant Sale** every fall in the Building 10 lobby. Watch for announcements on bulletin boards and in *Tech Talk*. **Lexington Gardens** (93HancockStLexington) has by far the largest selection of indoor and outdoor plants. Closer by try **Stop and Shop** (MemDr, just past the BUBridge), where prices are usually lower than at plant stores, although sometimes the greens are brown. There are many nice plant stores on Mass Av in Cambridge. **Ed's Plant Store** (988MassAvCambridge) has some of the healthiest plants, best prices, and most helpful advice around.



## Records

There are plenty of nearby stores with large selections. The **Harvard Coop** has a tremendous collection of music ranging from classical to acid rock at very competitive prices, and the **MIT Coop** isn't far behind. **Strawberries** (30bBoylstonStCambridge) and **Discount Records** in Kenmore and Harvard Squares offer similarly good collections. These stores often feature excellent sales and compete to offer the lowest prices. **Jordan Marsh** and **Lechmere Sales** have good selections at reasonable prices and have occasional sales when prices hit rock bottom.

**Music City** in Kenmore Square has a very good selection of pop and rock records and tape cassettes, as does the **Music Factory** in Central Square. **Papageno's** in Harvard Square has an unusual collection of used classical records. New record stores are constantly being opened, so look around your neighborhood from time to time.

## Shoes

Boston is in the middle of a shoe manufacturing area being smothered by a flood of imports. You will find no lack of places to shop; where you go will be a matter of personal taste and budget. There are stores of various types on Mass Av in Central Square and plenty of fashionable shops in Harvard Square.

North of Boston are lots of factory outlets offering discount prices; check the Yellow Pages. **Hyde Factory Outlet** (535WindsorStEastCambridge) has good buys on athletic equipment. For custom-designed footwear try **Tisdell's Sandal Shop** (1160MassAv Cambridge) and **First Settler Workshop** (118BlackstoneStBoston).

The nearest shoe repair places are in Kendall Square and on Prospect St. in Central Square.

*Originality is the art of concealing your sources.*

— Franklin P. Jones

## Stamps and Coins

Boston has a concentration of dealers around Bromfield St. Also try **Jack Molesworth** on School St. and **S.L. Stone's** on Washington St., both in Boston. One of the friendlier ones is **J.J. Teaparty** on Bromfield St. Also, MIT has a **Numismatic Society**.

## Stereo Equipment

Experience has shown that salespeople at **Tech Hifi** and other stereo stores are more than willing to lie to make a sale. Never buy without comparison shopping, and never tell salespeople that you are just shopping around — they'll refuse to give their best prices to protect their competitors' "lowest price around" guarantee. Whenever you're told a "rock bottom dealers' cost," remember that that is still at least a 100% mark-up. A good guide to reasonable prices is **District Sound** mail order catalog (2316RhodelslandAvNEWashingtonDC20018, 202-832-1900). Local dealers should at least meet D.S. prices and give a full "buyer protection" warranty. Watch for discontinued lines, which are always good buys.

**Tech Hifi** (182MassAv near MIT, 38BoylstonStHarvardSq) lures customers with blue jeans, beards, and superfluous guarantees. Be cynical. Their prices can only go down if

you wait. When you buy from them, be sure to get as many extras as you can; they will provide free accessories, tapes, and taxi rides home on demand. **K&L Sound** (75NBeaconStWatertown, on the 70CentralSq-Watertown bus line) usually has good prices, as does **Brands Mart** (127SmithPlCambridge, near FreshPond), where you need a student ID. Check their ads in the *Real Paper* before buying anywhere. Beware of **Atlantis Sound** (38cBrattleStHarvardSq and elsewhere); their salespeople are real professionals. Be prepared to walk out with the Brooklyn Bridge when they shift into high gear. **Eardrum** (16EliotStHarvardSq) and **Tweeter** (102MtAuburnStHarvardSq) have fair prices and unhelpful salespeople. **Lafayette** and **Radio Shack** sell stereo equipment, but charge as much for junk as Tech Hifi does for good equipment. Other stores to check include **Minuteman** in Harvard Square and **Wolf and Smith** in Central Square. For used equipment, watch the ads in Tech Talk.

If your equipment needs repair, try **Stereolab** (16EliotStHarvardSq, 864-1144), **Brand's Mart** or **Tech Hifi**.

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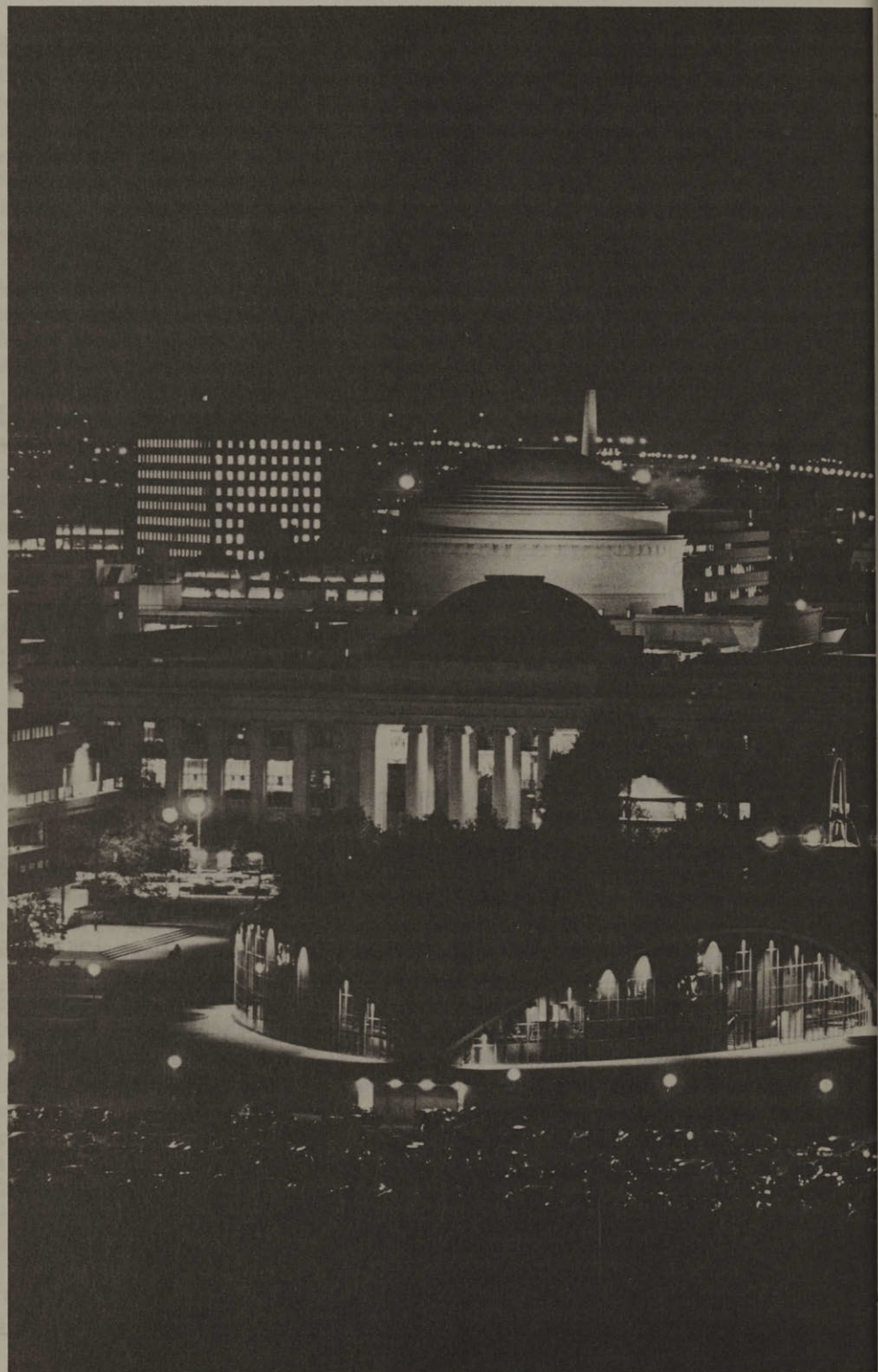
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# Restaurants

Boston is abundantly supplied with restaurants that range in quality from superb to dreadful and cover the entire range of prices. Quite a few places are not listed because they are small and don't advertise or they are too far from campus for most people. However, the list that follows is respectable and should keep you busy for a while. Most of the restaurants have been checked in the spring of 1976. Where possible we have included the address, phone number, and nearest MBTA stop. Prices are accurate only to a first approximation and do not include tips, tax, or booze. The meals tax is a whopping 8%, and take-out orders are taxed too. The standard tip is 15%. If you have in mind a specific type of restaurant, check the index below and then look in the alphabetical descriptions. Enjoy your night out, and if you have updated information, send it to us at TCA.

For more information about restaurants in the Boston area, see the monthly newspaper *Chomp* (distributed free around MIT) or the book *Cheap Eats* (sold in the Coop Lobby Shop).

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# HoToGAMIT

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Old Vienna Hofbrau

Wursthaus

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Athenian Taverna

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Averof

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Reflections

Sanae

Seventh Inn

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Chez Jean	Maitre Jacques	

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Elsie's		

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## Restaurant Descriptions

**Acropolis** (1680MassAvCambridge,354-8335,Bus:77fromHarvardSq) A fair Greek restaurant between Harvard and Porter Squares. Open 7 days. \$3-\$5. 2 for 1 special during the week.

**Adams House Restaurant** (533WashingtonStBoston,542-6999,MBTA:Washington) This is a good, medium priced place to stop at for a nice lunch while shopping at the stores in the Jordan's-Fileenes area.

**Alexander's Restaurant** (254MainStCambridge,868-6250,MBTA:Kendall) A greasy spoon of the first magnitude, this place does make a good BLT.

**Amalfi Cafe** (10WestlandAvBoston,536-6396,MBTA:Symphony) Good Italian food with a large wine list. Open 7 days.



**Anthony's Pier Four** (140 Northern Av Boston, on the waterfront, 423-6363, MBTA: South Station) Anthony owns four restaurants and this one is by far the most publicized. The decor is plush, the service excellent, and the food lives up to its reputation. However, people have been known to wait for three hours, as there are no reservations. \$4-14.

**Athenia Taverna** (569 Mass Av Cambridge, 547-6300, MBTA: Central Sq) A good Greek restaurant serving a wide selection of entrees. Open 7 days \$3-\$6.

**Athens Olympia** (51 Stuart St Boston, 426-6236, MBTA: Boylston) In the heart of the theater district, this is one of the best Greek places in Boston. The food is well prepared, and the service is very fast if you let them know you have a curtain deadline. \$3-7

**Au Beauchamp** (99 Mt Vernon St Boston, 523-9299, MBTA: Charles) A good, although plain, French provincial restaurant with excellent coq au vin. \$6-\$10 without wine.

**Autre Chose** (1105 Mass Av Cambridge, 547-9712, MBTA: Harvard Sq) Clean, white restaurant serving clean, white French food.

**Averof** (1924 Mass Av Cambridge, 354-4500, Bus: 77 from Harvard Sq, 83 from Central Sq) The attraction here is not the tasty, but overpriced food, but the belly dancers who perform nightly. Good service, prices \$2.50-\$5.50 without wine, appetizer or dessert.

**Beef and Ale House** (274 Tremont St Boston, near the Common, 542-1484, MBTA: Boylston) This restaurant has reasonable steak and a nice atmosphere. \$3-\$6.

**Benihana of Tokyo** (201 Stuart St Boston, 542-1166) Expensive Japanese restaurant chain where they cook the food on your table. Prices run \$8-\$10 without saki.

**Bette's Rolls Royce** (1 Union St Boston, 227-0675, MBTA: Govt Center) A fun restaurant with different music nightly, starting at 9. You can have either a full meal or just beer and peanuts. \$2-6.

**Blue Parrot** (123 Mt Auburn St, 491-1555, MBTA: Harvard Sq) Unusual international cuisine served in a small room decorated with pictures from the movie "Casablanca." Mostly tables for two. Good and cheap. A nice place to bring a book and relax.

**Bob Lee's Islander** (20 Tyler St Boston, 542-3997, MBTA: Essex) A poor imitation of **Trader Vic's**. The food is fair, the decor flamboyant but fading. The drinks are good. Prices run from \$4-\$7.

**Brandy Pete's** (82 Broad St Boston, MBTA: State) A casual restaurant in the heart of the financial district with a wide selection of reasonably priced, well prepared food. Warm and friendly service. \$2-\$4 average.

**Brass Lantern** (449 Washington St Boston, 426-5878) A restaurant designed for the frugal shopper, they have good sandwiches for under \$1.50 and the best lime rickeys in town.

**Bread and Roses** (134HampshireStCambridge,354-8371,Bus:83fromCentralSq) Run by and for women. Good, inexpensive food. Always fresh bread, generally some vegetarian entrees. Friendly, informal atmosphere. Movies, meetings, talks. Men welcome if accompanied by women. 5:30pm-9:30pm Tues-Sat, Sun by reservation only.

**Buddy's Sirloin Pit** (39BrattleStCambridge,864-4470,MBTA:HarvardSq) For \$1.95 you can get a char-broiled chopped sirloin, Texas toast, baked potato, and a salad. Great place to go if you're close to broke and hungry.

**The Bulkie** (827BoylstonStBoston,536-4610) A deli and pastry shop across from the Prudential Center. Good roast beef, corned beef, and pastrami sandwiches using potato pancakes instead of bread.

**Bull Restaurant** (HotelSomerset,400CommAvBoston,267-9010,MBTA:Auditorium) A quiet, elegant dining room with good food. About \$10.

**Cafe Budapest** (90ExeterStBoston,734-3388,MBTA:Copley) A superb Hungarian and French restaurant. The food is delicious, the service excellent. High-priced, but you get what you pay for. The dinners for two are the second best thing on the menu, the topper being the cherry soup. Jacket and tie required. \$10-\$16.

**Cafe Florian** (85NewburyStBoston,247-7603) One of the many cafe-type establishments opening up in Boston, this cafe offers a wide choice of coffees and omelets. Under \$4 for lunch, under \$7 for dinner.

**Cafe Promenade** (inTheColonnadeHotel,120HuntingtonAvBoston,MBTA:Symphony) Tasty sandwiches, crepes, casseroles, and standard dinner fare in a relaxed hotel atmosphere. Entrees \$3-\$8.

**Cafe Vendome** (160CommAvBoston,536-3556,MBTA:Copley) The food is stale and terrible. Nice coffeehouse at night. Good desserts. \$4-\$7.

**Cantina Italiana** (346HanoverStBoston,742-9851) One of those great old family Italian restaurants where the pizza is big enough for four and the pasta can be ordered a la Caruso, instead of just a la squeezed tomato. \$2-\$10.

**Casa Mexico** (75WinthropStCambridge,491-4552,MBTA:HarvardSq) A good Mexican restaurant that serves more than the ubiquitous taco. Slightly overpriced at \$5-\$11.

**Casa Portugal** (1200CambridgeStCambridge,491-8880,Bus:83fromCentralSq) Portuguese-style fish, lamb, and pork. Very friendly service, warm atmosphere. Live music. \$3-\$6.

**Casa Romero** (30GloucesterStBoston,261-2149,MBTA:Copley) The Mexican food is okay, but the prices are strictly for gringos. \$7-\$12.



## HoToGAMIT

**Chardas** (1306BeaconStBrookline,MBTA:CoolidgeCorner on the ClevelandCircle line) Hungarian with a fine atmosphere, friendly service and great goulash and veal Romanoff. About \$10.

**Charley's Eating and Drinking Saloon** (344NewburyStBoston,266-3000,MBTA:Auditorium) Fake Gay 90's pub. The food is American (i.e. steaks) and overpriced. \$2-\$8.

**Charlie's Beef and Beer** (1688MassAvCambridge) Large menu, but don't go there late because they'll be out of a lot. American, Greek, and Italian food. Noisy. Open until 12:30am. \$4 for a full meal.

**Chart House Restaurant** (60LongWharfBoston,227-1576,MBTA:Aquarium) This is a good place to go for a steak or sea food. Popular with the Young Executive set, the salads are good, and the service is friendly. No reservations, so you may wait 90 min. Fri & Sat. About \$10.

**Chez Dreyfus** (44ChurchStCambridge,547-4311,MBTA:HarvardSq) Decent food and reasonable service. Faded decor. Closed Sundays. Under \$6.

**Chez Jean** (1ShepardStCambridge,354-8980,MBTA:HarvardSq) Regional French specialties offered daily. Reservations recommended, as well as a jacket and tie. \$5-\$8.

**Colleen's Chinese Cuisine** (792MainStCambridge,661-1660) The only one of the many Chinese Szechuan restaurants in the Boston area that has not at one time been related to Joyce Chen's, Colleen's is the best place to try Szechuan cuisine. A family place, the service is great if a little slow when crowded. Don't try a Tuesday — all the chefs are visiting each other and the restaurant is closed. Up to \$10 if you have a bottomless stomach.

**Cronin's** (114MtAuburnStCambridge,354-1366,MBTA:HarvardSq) With an atmosphere somewhat like a large diner, this place serves terrible food and some of the best Irish coffee in Boston. \$3-\$6.

**Crossroads** (495BeaconStBoston,nearMassAv,262-7371,MBTA:Auditorium) Down stairs is dark, but with a pleasant atmosphere. Upstairs has more of an open feeling. Servings are adequate. Well-liked and known for their pizzas, which start at \$2.30. Regular meals \$3-\$6. See ad elsewhere.

**Dante's** (21-23JoyStBeaconHill,MBTA:Park) So-so Italian restaurant. Sit in the garden or in the back room with the fireplace. Entrees \$3-\$6.

**Deli-Haus** (476CommAvBoston,247-9712,MBTA:Kenmore) Deli with large selection and generous servings (especially their triple-deckers). \$2-\$4 average.

**Dini's** (94TremontStBoston,227-0380,MBTA:Park) Very good seafood and grill, with a wide variety. Home of Boston's famous schrod. Open 7 days. \$6.50 average.

**Dolphin Seafood** (1105MassAvCambridge,354-9332,MBTA:HarvardSq) Opened by former employees of the **No-Name**, this place sells inexpensive, fresh seafood.

**Dragon Gate** (250HarvardStBrookline,566-9021,MBTA:ClevelandCircle line to CoolidgeCorner) A good Chinese restaurant with large portions. \$3.50-\$5.

**Du Barry's** (159NewburyStBoston,262-2445,MBTA:Copley) A delightful French restaurant with nice decor, friendly service, and a nice open air garden. The prices range from \$3-\$7 for entrees. The complete dinners are excellent and run from \$6 up.

**Durgin-Park** (30NorthMarketStBoston,227-2038,MBTA:Haymarket) This is one of Boston's landmark restaurants. Specialties include seafood, roast beef, baked beans, and rude waitresses. Closed Sundays. Prices range from \$3-\$10.

**El Phoenix Room** (1430CommonwealthAvBrighton,566-8950,MBTA:BostonCollege GreenLine) Cheap Spanish food. Free tortilla chips and hot sauce. \$1.50 and up.

**Elsie's** (71aMtAuburnStCambridge,491-2842,MBTA:HarvardSq) Generous, tasty sandwiches. Their roast beef is superb. Rich pastries and frozen yogurt too.

**Emerson's Ltd** (1114BeaconStNewton,965-3530,10 min walk from NewtonHighlands stop on RiversideGreenLine; other suburban locations) In the atmosphere of the Olde English Pub, one can partake of a variety of steaks and unlimited fresh bread and salad. They have bargain specials some weekdays, but service tends to be slow on these. No reservations (i.e. a long wait Sat). \$5-\$8.

**English Room** (29NewburyStBoston,262-8631,MBTA:Arlington) This place is a students' haven due to the low prices and large servings. Meals start with a huge salad (with a unique dressing) and include rolls, vegetables, drinks (non-alcoholic) and fantastic desserts. No atmosphere, you fill whatever seats are available. Under \$5.

**European Restaurant** (218HanoverStBoston,523-5694,MBTA:Haymarket) A true North End Italian restaurant. Gaudy, expensive, noisy. \$2-\$10.

**Falstaff Room** (SheratonHotelBoston,236-2000,MBTA:Auditorium) Serves dinners during the week, but their real specialty is their Sunday brunch, 10am-3pm. For \$5.95 you get all you can eat of breakfast and lunch foods plus a bloody mary fountain. If you don't want to wait in line, make sure you get there early.

**F and T Deli** (304MainStCambridge,547-3674,MBTA:KendallSq) One of the only places around MIT where you can eat besides the dining rooms. The food is edible and cheap. \$2-\$3.

**Fantasia** (617ConcordAvCambridge,354-0285) Mediocre, overpriced American food in a relaxed atmosphere.

**Ferdinand's** (121MtAuburnStCambridge,491-4915,MBTA:HarvardSq) An exceptional restaurant, with quality French food in a formal atmosphere. Reservations suggested. \$6-\$15.

**George and Nick's Steak House** (569MassAvCambridge,354-9700,MBTA:Central Sq) A best buy in quick meals, this Greek "cafeteria" offers good food at ridiculously low prices. \$2-\$3.



## HoToGAMIT

**Golden Gate** (66BeachStChinatown,426-5022,MBTA:Essex) This is considered by many MIT students to be the best Chinese restaurant in Chinatown. The Lo Mein is excellent, and if someone in your party speaks Chinese, order from the cheaper Chinese menu. Otherwise, ask for the rice platters; the beef with broccoli rice plate is especially good. Under \$5.

**Golden Temple/Conscious Cookery** (30MassAvBoston,247-7947,MBTA:Auditorium) This small restaurant with equally small portions features a completely vegetarian menu. Vegetarian food is not usually this bad. Under \$5.

**Grendel's Den** (87WinthropStCambridge,491-1757,MBTA:HarvardSq) Downstairs: The chef is Greek; the menu is French, English, Greek, American. Sun-Thurs they have one of the best salad bars in town (all the salad you want for \$2.25). Service tends to be slow. Upstairs: The sandwiches here are good but overpriced. Dinner under \$7.

**Hai-Hai** (423BoylstonStBoston,536-8474,MBTA:Arlington) A quiet Japanese restaurant serving 5 or 6 different choices each night with adequate portions. About \$4.

**Harvest Restaurant** (44BrattleStCambridge,492-1115,MBTA:HarvardSq) French cuisine in a definitely chic atmosphere. Before the meal you can sit with a drink from the bar and snack on the Cheese Nips at your table. Best for a late, light dinner and dessert. \$6.

**Hava Nagila Israeli Restaurant** (280CambridgeStBoston,523-9838,MBTA:Charles St;1653BeaconStBrookline,227-3433,MBTA:ClevelandCircleGreenLine) A good place to visit for some out of this world food. If you thought that Israeli meant Jewish, you are wrong, and this place will prove it to you. Israelis have a world-wide culture to draw on, and it is seen in the delicious falafel, as well as the superb stuffed chicken. Under \$7.

**Hemispheres** (45½MtAuburnStCambridge,354-9563,MBTA:HarvardSq) International food of little interest. Good place for desserts, coffees. Chamber music Tues and Sun nights.

**Henry's** (52BeachStBoston,462-6266,MBTA:Essex) Unpretentious Chinatown eatery, serving standard and vegetarian dishes. Friendly waiters and delicious food. \$2-\$4.

**Hermitage** (951BoylstonStBoston,267-3652,MBTA:Auditorium) Pretentious "Imperial Russian Cuisine." Specialty is chicken Kiev. In the Museum for Contemporary Art. \$7-\$15.

**J.C. Hillary's Ltd** (793BoylstonStBoston,536-6300,MBTA:Copley) Steak, fish, and sandwiches served in a nice, old fashioned atmosphere. \$2.25 for sandwiches, \$5.00 for steak.

**Hong Kong Restaurant** (1236MassAvCambridge,864-5311,MBTA:HarvardSq; also 1900MassAvCambridge) Behind a gross pink exterior lurks a gross pink interior. Peking-style Chinese food for those who like grease. Disco dancing upstairs.

**House of Roy** (29TylerStBoston,338-8882,MBTA:Essex) Good Chinese food with quick service. The favorite Chinese restaurant of many MIT people, there is a long line on weekends. \$2.50-\$5. See ad elsewhere.

**Hunan Restaurant** (700MassAvCambridge,876-7000,MBTA:CentralSq) Another of the many Szechuan restaurants that have appeared in the past two years. It is not first rate. The Kung Pao scallops are great, although the food in general is greasy. Good service, fine drinks. Take out. Under \$7.

**Hungry Persian** (14EliotStCambridge,354-9015,MBTA:HarvardSq) Middle Eastern cuisine. Excellent vegetarian food, mediocre meat dishes. Under \$5.

**Hungry Pilgrim** (In the Statler Hilton,ParkSq,426-2000,MBTA:Arlington) New England food at fairly high prices in medium-fancy surroundings. Servings are small; you may leave there hungry. Open 7 days. \$3-\$7.

**Igo's** (1812MassAvCambridge,547-3733,Bus:77fromHarvardSq,83fromCentralSq) One of the better Cambridge restaurants offering friendly service and better than average food. Full meal \$4.

**India Restaurant** (1780MassAvCambridge,354-0949,Bus:77fromHarvardSq) An Indian restaurant featuring meat, seafood, and vegetarian curries. Portions are rather small. A good place to go with a group to try different dishes. \$3-\$5.

**Iruna** (56BoylstonStCambridge,868-5633,MBTA:HarvardSq) This is the one place in the city that offers a reasonable facsimile of Spanish food. Expensive, but good service and great-tasting food. Jacket and tie are nice but not required.

**Jacob Wirth** (31StuartStBoston,338-8586,MBTA:Boylston) Traditional German restaurant. Great sauerbraten and a Munich beer hall atmosphere. Outstanding beer, of course. Meals for \$3 and up.

**Jennie's** (10BartlettPlaceNorthEndBoston,723-7263,MBTA:North Station) Specials are the lasagna and veal. Reservations are recommended. The place is small, quiet, and good. Prices are about \$5 for a complete meal and worth it.

**Jimmy's Harborside** (248NorthernAvBoston,423-1000,MBTA:SouthStation) Large seafood restaurant with romantic harbor view. Fish are straight off the boat. \$5-\$10.

**Joseph's** (279DartmouthStBoston,266-1502,MBTA:Copley) An elegant French restaurant where a reservation, as well as a coat and tie, is a good idea. The food is pretty good.

**Joyce Chen's Small Eating Place** (302MassAvCambridge,492-7272,MBTA:Central Sq) One of the more boring Szechuan restaurants in the area. Small, crowded at times. \$1.50 to \$5.50.

**Joyce Chen's at Fresh Pond** (390RindgeAvCambridge,492-7373,Bus:83from CentralSq) This restaurant is lovely. The food is far better than at the **Small Eating Place**, and the menu is much larger.



## HoToGAMIT

**Kabuki** (859MainStCambridge,491-4929) Excellent small Japanese restaurant between MIT and Central Square. Relaxing, friendly atmosphere. Menu is small but well varied, with some vegetarian selections. Complete dinner under \$5. 10% student discount weekdays. Open 5-9:15 Tues-Sat.

**Ken's at Copley** (549BoylstonStBoston,266-6149,MBTA:Copley) New York-style deli with good food and slightly high prices. Open until 3am. \$2-\$6

**Ken's Pub-Cambridge** (684MassAvCambridge,868-5640,MBTA:CentralSq) A good place to go for lunch or dinner. The servings are quite large and they sometimes have inexpensive specials. There is also a fairly large bar. There are also Ken's Pubs in Allston and Boston.

**Kevin's Wharf** (254SummerStBoston,426-8165,MBTA:SouthStation) A friendly, superb seafood restaurant with great atmosphere. Reservations are accepted. About \$6.

**Kon Tiki Ports** (39DaltonRdBoston,262-3063,MBTA:Prudential) The Kon Tiki has a quiet Polynesian atmosphere. The waiters are very friendly and will gladly help you choose your meal. The bar offers a wide selection of exotic Polynesian drinks. \$5-\$10.

**Kyoto Restaurant** (337MassAvBoston,536-9295,MBTA:Symphony) A Japanese restaurant with reasonable food but with a less pleasant atmosphere than most of the Japanese restaurants around. Complete dinner \$5.

**La Crepe** (733BoylstonStBoston,267-1534) This place wouldn't know a real crepe if they sat on one. A chain restaurant with a nice, if slightly grungy atmosphere. It is good only if you are desperate. \$2.50-\$4.00.

**Latin-O** (19BrooklineStCambridge,876-9074,MBTA:Central) A fair Mexican restaurant. The best dishes are the enchiladas and tacos. Service is poor. Under \$8.

**La Groceria** (853MainStCambridge,547-9258,MBTA:Central) A good, small Italian restaurant not far from MIT. The food is good, the portions are fair, and the atmosphere is pleasant. Prices from \$3-\$6.

**La Pinata** (16EliotStCambridge,MBTA:HarvardSq;46DavisSqSomerville) Good Mexican food, good low prices. The hot sauce is hot, but optional. \$2-\$5.

**Legal Seafoods** (237HampshireStCambridgeInmanSq,547-1410;ChestnutHillShoppingCenter) A combination restaurant/fish market selling fresh fish in an informal, noisy, crowded atmosphere. There is a line most evenings, often with over an hour's wait on weekends.\$3-\$7.

**Locke-Ober Cafe** (3WinterPlBoston,542-1340,MBTA:Park) One of Boston's most illustrious eating places, Locke-Ober's is widely known for its impeccable service and fine cuisine. It is easy to spend \$25 or more without trying, but it is also possible to have a fine meal under \$10. Specialties include lobster Savannah and filet mignon Mirabeau. Reservations are required, as well as tie and jacket.

## RESTAURANTS

**Magic Pan** (47NewburyStBoston,267-9315,MBTA:Copley) Another crepe restaurant chain, but this one has everything **La Crepe** doesn't. The atmosphere is warm and comfortable, the food delicious, and the crepes superb. Very crowded. Under \$6.

**Maison Robert** (45SchoolStBoston,227-3370,MBTA:Park) A fine French restaurant. Service is attentive and portions are adequate. \$7-\$15.

**Maitre Jacques** (10EmersonPlBoston,742-5480,MBTA:Charles) This restaurant serves good French food. Salads are delicately seasoned, service is excellent with unobtrusive French waiters. Specialties are chateau briand and onion soup. Decor is modern and simple. Expensive, but well worth it. \$10-\$15.

**Matsu-Ya** (1768MassAvCambridge,491-5091,Bus:77fromHarvardSq) The only Korean restarant in the Boston area, this is a lovely place with delicious food. They also offer Japanese food and quite a few vegetarian meals. \$5.

**Medieval Manor** (370CommAvBoston,262-5144) The kind of place where you can go hog wild (literally) over food, and especially over the wine and the person next to you. Noted around the country, not one TCA reviewer has ever come out of the place to tell about it.

**Middle East Restaurant** (4BrooklineStCambridge,354-8238,MBTA:CentralSq) This is a popular place for students, but it is small so you may have to wait for a table. The menu is limited but good. Service is friendly and gracious. \$2.50-\$6.

**Moon Villa** (23EdinboroughStBoston,423-2061,MBTA:Essex) Cantonese food. It is considered better than **House of Roy** and **Shanghai** (at least by members of the A.I. Lab). Especially good are the crabmeat chicken, crabmeat fried milk and shrimp balls. Also, pastries are served daily, but get there early or they may run out. Sometimes slightly expensive. Open til 4am.

**Natalie's** (1672MassAvCambridge,547-9081,MBTA:HarvardSq) One of those inexpensive candle-lit restaurants that Cambridge ought to have more of. A nice place for Italian food and beer.

**Natraj** (419MassAvCambridge,547-8810,MBTA:Central) Indian food. Miniscale portions. \$3-\$6.

**Newbury's Steak House** (94MassAvBoston,536-0184,MBTA:Auditorium) Just across the Harvard Bridge from MIT, this restaurant serves steak in the true Boston fashion. Don't order it rare unless you want it to moo when you stick your fork in. Well done means charcoal. The home-baked bread and the salad bar are the best parts of the meal, as the steak is sometimes a little tough. \$4-\$7.

**Newtowne Grill and Steak House** (1943MassAvCambridge,661-0706,Bus:83fromCentralSq) Hearty, well-cooked beef, fish, and Italian dishes. \$4-\$7.

**Nine Knox** (9KnoxStBoston,482-3494,MBTA:Arlington) This restaurant is actually a small, beautifully-furnished Georgian townhouse. The menu is small but the dishes are



out of this world. They have an extensive wine list. This is a great place to go for a fine, leisurely meal. Reservations required and you should make them well in advance. \$12-\$16.

**Nineties Restaurant** (78BroadwayBoston,542-0410) This is a good Continental restaurant with excellent piano accompaniment to your dining. On Sunday and Monday evenings, a group of local actors gets together and entertains. Under \$20 per person, all-inclusive.

**No-Name Restaurant** (15½FishPier,nearJimmy's,338-7539,MBTA:SouthStation) A popular place to get fresh seafood, in a noisy, crowded, informal setting. About \$4.

**Original Restaurant** (799MainStCambridge,864-6680) One of the nearest places (between MIT and Central Square) with reasonable, inexpensive meals. Italian and Greek food, pitcher of beer and pizza specials. \$2-\$3.

**Old Vienna Hofbrau** (1314CommAvBrighton,232-8748,MBTA:BostonCollegeGreen Line) German-American. Movies during week, German band Fri and Sat. Reservations suggested on weekend. \$5-\$7.

**Osaka** (617ConcordAvCambridge,491-6600) Gracious service is the hallmark of most Japanese restaurants and this place is no different. Sushi cuisine. Closed Mondays. See ad elsewhere.

**Parker House** (60SchoolStBoston,inParkerHouseHotel,227-8600,MBTA:Park) Gracious dining, good food, and an colonial atmosphere make this a best bet for a place to go with your parents or a date. Sunday brunch. Excellent salad bar. \$4-\$10.

**Peasant Stock** (421WashingtonStSomerville,354-9528) A limited selection of international dishes that varies daily. Live music, usually classical, several times weekly; call for more information and reservations. Complete dinner \$5.75-6.50.

**Premier Deli** (1130WashingtonStBoston,426-2218,MBTA:Dover) A NYC Jewish-style deli. Great food. See ad elsewhere.

**Premier Restaurant** (229HarvardStBrookline,MBTA:ClevelandCircleGreenLine to CoolidgeCorner) Cafeteria with good Jewish style deli food.

**Purcell's** (10CityHallAvBoston,523-2725,MBTA:Park) Composed of a semi-formal dining room and a sandwich shop, this is a good place to go when in the city hall area.

**Reflections** (10dMtAuburnStCambridge,661-1118,MBTA:Harvard) African, vegetarian, and deli food. Try their Kenyan chicken and peanut soup. Classical, jazz, folk music after 9pm. \$3-\$6.

**Rib Room** (5CambridgePkwy,inHotelSonesta,Cambridge,491-3600,MBTA:Lechmere) Elegant and expensive, this restaurant offers excellent food and a good view of the river. Great drinks. \$6-\$10.

**Rita's Place** (88WinnismmetChelsea,nearChelseaCourtHouse,884-9838) \$15 including tax and tip (prix fixe) per person for a 12 course Italian dinner with unlimited

wine. The food and the service are excellent. A great place to go with a group. Reservations several weeks in advance are a must. 7pm-midnight Fri and Sat only.

**Ritz-Carlton** (15ArlingtonStBoston,536-5700,MBTA:Arlington) This Ritz has three dining rooms with different hours and different price ranges. The main dining room overlooks the Public Gardens and is well known for the superb food, the excellent service, and the high prices. Meals here start at \$15. The cafe runs from \$5-\$15 for a complete dinner. Remember that this is **The Ritz** and if you are going to dine there, trying to spend the bare minimum would be pointless. An evening you should experience at least once. Jacket and tie, of course.

**Royal Mandarin** (546MassAvCambridge,547-2299,MBTA:CentralSq) A Chinese Szechuan restaurant that's as good as **Colleen's**. The shower fried chicken is good, the special beef superb. The waiters are helpful and friendly. Open daily. About \$5.

**Sanae** (200NewburyStBoston,247-8434) A macrobiotic restaurant which features fresh seafood and grains. The food is typically bland. Closed Mondays. About \$3.

**Seventh Inn** (69-71ProvidenceStBoston,261-3965,MBTA:Arlington) A seafood and vegetarian restaurant. The schrod tempura is unbeatable. \$3-\$7.

**Seventy Restaurant** (70BeachStBoston,inChinatown,542-7136,MBTA:Essex) Polynesian, Mandarin and Cantonese food. Open 7 days. \$4-\$7.

**Shanghai Village Restaurant** (434MassAvArlington,646-6897,Bus:77fromHarvardSq) A good Chinese restuarant that serves brunch Sat and Sun 11:30-2. You can stuff yourself on Chinese pastries from a menu with a broad selection for about \$2.

**Song Hee** (58BeachStBoston,426-5543,MBTA:Essex) Open 24 hours a day. They serve home-made Chinese food and have been described as like Twenty Chimneys only in Chinese (i.e. a greasy spoon). Service is fair, and it's cheap.

**Stella Restaurant** (74EastIndiaRowBoston,227-3559),MBTA:Aquarium) This is a beautiful restaurant overlooking the bay. It's a bit formal (the maitre d' wears a tux), but it's not as expensive as it looks. Full meals run between \$6 and \$12, but a pasta main course can be had for \$3.50.

**The Stockpot** (53BoylstonStCambridge,MBTA:Harvard;119NewburyStBoston,267-5711,MBTA:Arlington) \$2.50 buys a hearty bowl of soup, salad bar, and fresh bread. Selections change daily, and at least one soup is vegetarian.

**Swiss Alps** (56BoylstonStCambridge,547-9256,MBTA:Harvard) Generous servings of quiches, omelettes, souffles, fondues and other Swiss specialties. Dark, intimate, friendly atmosphere. \$2-\$6.

**Joe Tecce's** (53N.WashingtonStBoston,523-8975,MBTA:Haymarket) This restaurant serves robust meals with homemade wine. \$3 and up.

**Terra Restaurant** (1193CambridgeStCambridge,864-1730,Bus:83fromCentralSq). Generous Portuguese restaurant. Closed weekends. \$2-\$5.



**33 Dunster Street** (33DunsterStCambridge,354-0636,MBTA:Harvard). A dark restaurant serving seafood and steak. Service tends to be slow. The food is fair to good. There is also a separate room serving sandwiches, and there is a bar. Dinner \$4-\$9.

**Top of the Hub** (PrudentialBuilding,51stFloor,536-1775) Noted only for the spectacular view, this is another one of Stouffer's (who used to cater MIT dining service) Top of Whatever series, with the predictable results: blah food. The menu is limited and prices run from \$5-\$10.

**Trader Vic's** (StatlerHilton,ParkSqBoston,426-2000,MBTA:Arlington) The original Polynesian restaurant chain. Steaks, lobster, curries, and exotic cocktails. Complete dinner \$6-\$12.

**Union Oyster House** (41UnionStBoston,227-2705,MBTA:GovernmentCenter) A good seafood restaurant that has been in the same location since 1826. \$3-\$10.

**The Underdog** (6BowStCambridge,661-0388,MBTA:Harvard) Hebrew National franks with various accoutrements.

**Whimsey's** (165DartmouthStBoston,266-7800,MBTA:Copley) A new, fun place to eat where the food is delicious, the portions large (you could have some appetizers as your whole dinner) and the service excellent. Complete dinner under \$10.

**Wursthaus** (4BoylstonStCambridge,491-7110,MBTA:HarvardSq) This restaurant is a big German-American establishment that serves poorly cooked food at inflated prices. Good only for the large stock of imported beers. \$3-\$7.

**Ye Old Grist Mill** (1382MassAvCambridge,661-9555,MBTA:Harvard) Hearty, generous, American restaurant. Bargain specials. Some live music. \$3-\$10.

**Ye Hong Guey** (340xfordStBoston,426-6738,MBTA:Essex) Consistently good Chinese food, though the portion size varies. The menu is fairly large, but there are few exotic dishes. It is often crowded on weekends, and reservations are not accepted. There is also a take-out service that takes phone orders. \$2.50-\$5.

**Yenching** (1326MassAvCambridge,547-1130,MBTA:Harvard) A new Chinese restaurant with food for those who aren't too big on super-spicy stuff. \$6 average.

**Zorba's** (485MassAvCambridge,492-6456,MBTA:Central) A decent quick Greek restaurant. \$3 average.

*If not for food, I don't know what I'd eat.*

— Josh Klayman

### Restaurant Chains

The following are generally distributed around Boston:

**Burger King** — A hamburger joint. Closest to MIT are at 761 BoylstonBos, 185 SomAvSom. Other stores at 131TremontBos,210BrigtonAvBrigton.

**Howard Johnson's** — There are quite a few of these knocking around with at least one in Cambridge (555ConcordAv,547-8432), Brookline (1262BoylstonSt,566-9708), and in Boston (196StuartSt,338-8349). If you're into eating at Howard Johnson's you can check them for their all-you-can-eat special generally offered one or two nights a week.

**International House of Pancakes** — A fine place to go for pancakes in large servings and many varieties, well made and reasonably priced. The branches significantly near MIT are in Brighton (1850Soldier'sFieldRd,254-9464), in Brookline (149HarvardSt,566-8431) and in North Cambridge (619ConcordAv,547-9650).

**Jack in the Box** — The nearest branch is the Cambridge branch at 506MassAv(354-9488) in Central Square next to Hi-Fi Pizza. It's basically a hamburger place and it also sells greasy tacos. Open 24 hours a day. Also located in Somerville (715SomervilleAv,623-9339), and Boston (752Bennington,567-9524).

**Kentucky Fried Chicken** — Grease and fried chicken to take out. The closest places are in Cambridge (169HampshireSt,547-8615;2071MassAv,nearPorterSq,868-1498).

**McDonald's** — Located at 463 MassAv on the way to CentralSq (547-9251). Serves breakfast and handles large orders quickly. This franchise is heavily involved in the Cambridge community. Part-times jobs available. Other locations: 289HuntingtonAv, 123CausewaySt, 146TremontSt, 58SummerSt, 272BoylstonSt — all in Boston. Watch *The Tech* and other papers for coupon specials.

**Pewter Pot Muffin House** — Open until midnight except when they cheat and close early. A pretty good place to buy muffins or a light meal, with prices generally below \$4.

## Pizza

There are numerous pizzerias in the Boston area. The following places are listed here because they are close to MIT and/or are highly recommended. Size and prices of pizzas vary. All are open daily, and their closing times are noted. The few that do deliver may have restricted delivery areas; ask when you call.

There is also a pizza truck that makes the round of the dorms every night. The pizza is only fair. Check at your dorm desk for the times.

**Al Capone's** (cornerBeacon&CommAv,267-0606,106BlackstoneStBoston,723-8348, 52GainsboroBoston,267-8970) All stores open til 2 or 3am. No delivery. See ad for Al Capone's-CommAv elsewhere. All stores are separately managed.

**Allston Tower of Pizza** (178HarvardStAllston,254-1600) Pizza and Italian food. Delivers to MIT. Open 'til 3am.

**Bel Canto** (928MassAvCambridge,547-9680,MBTA:HarvardSqBus) Exotic fare such as whole wheat crusts and broccoli, carrots and walnuts on top, in addition to ways you find pizza elsewhere. 11:30am to midnite. No delivery.



## HoToGAMIT

**Boston House of Pizza** (632WashingtonSt,542-3507) Pizza, grinders, pastry. Open 24 hours.

**Campus House of Pizza** (239MassavCambridge,547-2208) Closest pizza place to MIT. No delivery, but you can call ahead so your order is ready when you get there. Open 'til midnight.

**Crossroads** (491BeaconStBoston,262-7371) No delivery, but phone orders accepted. Open 'til 1am. See ad elsewhere.

**Dino's Restaurant** (51MassAvBoston,266-6381) Delivers to Back Bay for 50¢. Open 'til midnight.

**Hi-Fi Pizza** (496MassAvCambridge,354-9673). No delivery, open 'til 3am.

**Pizza Pad** (54WestlandAvBoston,262-2266,MBTA:DudleyBus) Closest place that delivers to MIT campus (2 mile delivery radius) Open to 2am except Sun to midnite.

**Regina Pizzeria** (11ThacherStBoston,227-0765). No delivery, open 'til 11:30.

### On-Campus Food

There exist a few places to get food on campus. They tend toward an unexciting norm, but will keep you fed until you find someplace better.

**Commons** — Baker, MacGregor, Walker Memorial, and Lobdell have dining halls serving commons food three meals a day on weekdays. If you're not on commons you can buy things a la carte, or on an unlimited-seconds basis, except at Walker and Lobdell where all non-commons food is sold a la carte.

**Walker Memorial** and **Lobdell** have the best organized facilities for non-commons eating. Both offer three meals a day on weekdays and Lobdell has three meals a day on weekends also. **Twenty Chimneys** on the third floor of the Student Center is open 2pm-1am on weekdays and 7:15pm-1am (during the school year). This is a grill room staffed by students who do all the cooking. The food is fair and the atmosphere is good and dark. Service goes from reasonable to putrid. Very crowded after LSC movies. **Pritchett Lounge** is East Campus' answer to Twenty Chimneys, on the second floor of Walker with a separate entrance (the left-hand stairs in back). Better food, better frappes, friendlier service; it may be worth a walk across campus. Most of the dining halls now sell beer and/or wine and they request that you not take it out (state liquor law).

**Muddy Charles Pub** — Located on the first floor of Walker Memorial, this is GSC's own little pub. Sells, beer, wine, etc.

**24-Hour Coffeehouse** — On the second floor of the Student Center, sells bagels, donuts, candy, coffee, tea, yogurt, soup, and cider. Open 24 hours a day, 7 days a week (except midnite-4am Friday morning) Sept through May. Hours are limited during the summer and vacations.

### Ice Cream Shops

Natural and Unnatural ice cream is a hot item in Cambridge and Boston. Anywhere you

go you'll be hit for at least 40¢ for a small cone. Natural ice cream parlors generally charge more, and Massachusetts always collects its 8% meals tax. **Note:** In Massachusetts, a "milkshake" is made with syrup and milk. If you want ice cream in your milkshake, ask for a "frappe."

**Bailey's** (HarvardSq,Boston,Wellesley) The grand parlor your mother remembers has the decor and dirt your mother remembers, but not the ice cream. Expensive, stingy.

**Baskin-Robbins** (CentralSq,HarvardSq,KenmoreSq,et al coast to coast) Features 31 unusual (e.g. licorice) and constantly-changing flavors. The ice cream is made on the premises and contains up to twice the federal minimum betterfat content. Cheapest cone in town, since they pay the tax.

**Belgian Fudge, Ice Cream and Frozen Yogurt** (MassAvHarvardSq) Exactly that. Uninspired.

**Bic's** (1702MassAvCambridge,Bus:77fromHarvardSq) Large selection of natural ice creams made by Brigham's. More generous than Brigham's for the same prices. Music and entertainment many nights, with frequent contests (e.g. sing for a cone, do a Groucho routine for a shake...)

**Brigham's** (CentralSq,HarvardSq,EveryotherSq) Boston's own native-grown ice cream chain, Brigham's purveys all over town. Ice cream quality higher than at the other chains. Serving size varies widely. The Brigham's close to MIT in Central Square is terrible, while three blocks further up MassAv they serve generously. Open 24 hours in Copley Square, 'til midnight most other places.

**Cabot's** (743WashingtonStNewton) Cabot's specializes in creative concoctions. On two days' notice, they'll build a Great Pyramid (feeds 60 people) or any other party delight you may desire. Far from MIT, but worth the trip if you have a car.

**Cibo** (TheGarageHarvardSq) Homemade ice cream, expensive candy shop.

**Fred's** (MassAvBetweenCentralSq&HarvardSq,CopleySq) Homemade ice cream. The MassAv parlor is decent, but avoid Fred's in Copley Square like the plague.

**Kelley's** (156CambridgeStBoston,MBTA:Charles) Natural ice cream of the first rank.

**Friendly's** (CharlesRiverPlaza,CoolidgeCorner,FreshPond,elsewhere) Large chain with linguistic problems (they call frappes "fribbles"). Heavy syrup content. Great, if you like their style. Good hamburgers.

**Sheila's** (420BroadwayCambridge) Homemade ice cream, nothing special.

**Steve's** (191ElmStSomerville,Bus:83fromCentralSqtoPorterSq,walk 4 blocks up Mass Av to BeechSt,2 blocks east to Elm) Steve has legions of faithful fans who stand in line for up to an hour to taste his homemade ice cream. An experience.

**The Spa** (BrattleStHarvardSq) The only soft ice cream parlor in Cambridge. Where is Dairy Queen when we need her? Go to Elsie's, not here, for frozen yogurt.



**Zum-Zum's** (9BrattleStHarvardSq) A New York-based chain selling so-so ice cream as well as beer and short-order German food.

### Take Me Back to Tech

*Tune: "Solomon Levi"*

*Words by I.W. Litchfield '85*

*I wish that I were back again  
At the Tech on Boylston Street  
Dressed in my dinky uniform,  
So dapper and so neat.  
I'm crazy after Calculus;  
I never had enough,  
It was hard to be dragged away  
so young,  
It was horribly, awfully tough —*

Chorus:

*'Rah for TECHNOLOGY!*

*'OLOGY, Ology, oh —*

*Glorious old TECHNOLOGY*

*'Ology, 'Ology, 'Ology, 'Ology.*

*M-A-S-S-A-C-H-U-S-E-T-T-S*

*Take me back on a special train  
To the Glorious Institute —  
I yearn for the inspiration of  
A technological toot! —  
I'd shun the physical, quizzical Prof.,  
And chapel and all that; —  
But how I would love to go again  
On a Scientific Bat.*

*Back to the days that were free  
from care,  
In the 'ology, Varsity shop,  
With nothing to do but analyze air  
In an aneometrical top;  
Or the differentiation  
Of the trigonometric powers  
Of the constant pi that made me sigh  
In those happy days of ours.*

*I-N-S-T-I-T-U-T-E-O-F-T-E-  
C-H-N-O-L-O-G—and Y comes  
after G*

*The Massachusetts Institute of  
Technology.*

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# Entertainment

The Performing Arts include movies, theatre, and music. Boston (otherwise known as the Athens of the East) is so rich in the performing arts that an education at MIT seems almost superfluous.

*I have never let my schooling interfere with my education.*

— Mark Twain

## Information

The **Boston Arts Line** recording (261-1660) lists upcoming cultural events in the Boston area. Two prominent weekly newspapers, the **Boston Phoenix** and the **Real Paper**, are hawked on the street each week. They have complete listings of the week's events, give information on most things happening in Boston, and have extensive criticism and reviews of entertainment products and events. Also, distributed free each week are the **Free Paper** (from the **Real Paper**) and **B.A.D.** (from the **Boston Phoenix**). **Calendar**, published in the Thursday **Boston Globe**, also has excellent listings. **TCA** (W20-450) maintains an entertainment bulletin board in its office. Finally, there are the ubiquitous bulletin boards where everyone advertises his wares with gusto and total disregard for preceeding advertisers.

## Tickets

It is usually cheapest to buy tickets directly from the box office. TCA, in the Student Center, Rm 450, x3-4885, is often more convenient, has a small service charge (25¢/ticket), and has or can order tickets for the legitimate theatres and most classical music concerts. TCA also offers discount tickets to some events. As a last resort, there are several ticket agencies which are happy to provide you with tickets for a service charge of at least \$1.50 per ticket. Out of Town Theatre Ticket Agency in Harvard Square (492-1900) is a Ticketron outlet and has tickets to everything. Other agencies include Hub Ticket Agency (110 Stuart St Boston, 426-8340), Tyson Ticket Agency (226 Tremont St Boston, 426-2662), and Concourse Ticket Agency (South Station Boston, 542-3905).

If you have tickets that you cannot use, call TCA. They will try to sell them for you.

## Theatre

There are presently only three legitimate theaters in Boston, namely the **Shubert** (265 Tremont St Boston, 426-4520), the **Wilbur** (252 Tremont St Boston, 426-9366) and the **Colonial** (106 Boylston St Boston, 426-9366). Note that the phone number is the same for the Wilbur and Colonial; just tell the person who answers which theater you want and she'll connect you. It is important to note, however, that tickets cannot be



ordered over the phone unless you use an American Express or Master Charge Card. You can order tickets through the mail, at the box office, or through TCA's ticket service (W20-450,x3-4885). Also, the **Theatre Guild** (100BoylstonStBoston,426-6612) offers a subscription series for several plays each season.

These theaters preview Broadway plays, and you can often see a hit musical with the original Broadway cast. Then again, you could see a bomb that will neither entertain you nor make it to New York. It's a risky business, but it can be quite interesting.

Collegiate groups are responsible for much of the theater around Boston. The first among these is Harvard's **Loeb Drama Center** (64BrattleStCambridge,864-2630). The student productions there are of high quality, and the theater also hosts touring professional groups, such as **LaMama** and the **Oxford Loeb Experimental Theater**. Tickets are sold at the box office the day before the show. You can also get in free by ushering for those performances that they charge for. There are also occasional plays at some of the Harvard houses and at Agassiz Theater in Radcliffe Yard.

Another excellent collegiate theater group is the **Spingold Arts Center** at Brandeis University in Waltham (894-4343). Boston University has the **BU Theater** (264HuntingtonAvBoston,353-3392), and Tufts has the **Tufts Arena Theater** in Medford (623-3880). MIT has several groups at the Little Theater and Kresge Auditorium, such as the **Musical Theatre Guild** (W20-439,x3-6294) which includes college people from several schools, the **MIT Community Players** and **Dramashop**. For more information call the Student Center Office (which also manages Kresge) at x3-3913 or the Kresge Music Office (x3-2906).

There are several other sources of theater in Boston; a partial, somewhat random selection follows. In addition, don't overlook some of the smaller experimental groups around. These tend to appear and disappear off and on, so check the listings in *The Real/Free Paper* or *The Boston Phoenix/B.A.D.* Most are well worth the effort of tracking them down, as their talent and imagination are usually greater than their financial stability.

At the **Boston Center for the Arts** (539TremontStBoston,426-5000), a unique organization that provides studio space for the visual and performing arts, are several theater groups. These include the **Theater Workshop of Boston**, **Stage One**, an experimental group, and the **Massachusetts Center Repertory Company**, the only professional equity company in Boston.

Of special note is Boston's famous **The Proposition** (241HampshireStInmanSq Cambridge,876-0088). After 8 years this improvisational revue is still going strong and highly entertaining. Tickets are \$3.50-\$4.50, with student rush discounts and group discounts.

**The Boston Repertory Theater** (1BoylstonPl,423-6580) is an ambitious young company which may have up to three different programs running on alternating days. Because they are a repertory company, they may try any number of types of theater, from mime to musical. The actors must be self-sufficient as a troop in creating sets and costumes as well as characters. At the end of each performance, the audience is in-

vited to meet with the actors. Tickets are \$3.50-\$4.50 and student discounts may be available.

**The Caravan Theater** (1555MassAvCambridge,868-8520). You may not find the crowded bleacher-style seats very comfortable, but many of this improvisational company's programs are worth the squeeze. Quality here is inconsistent, but there is no lack of originality. A lot of the material is home-grown, and in general they are improving with age. They are an experimental group, and may invite you to stay after the show to tell them how you felt about it. Tickets vary from \$2 to \$3.50.

**The Cambridge Ensemble** (Old Cambridge Baptist Church, 115MassAv,876-2544) is another popular and fairly successful group. Their season consists of four new and unusual works, often American or world premieres, plus two children's plays. Performances are Thursday, Friday, and Saturday nights, and tickets run about \$3.

**Charles Playhouse** (76WarrentonStBoston,868-8520,MBTA:Boylston) features the worst in off-Broadway style productions.

**Pocket Mime Theater** (67NewburyStBoston,247-9000,MBTA:Arlington) offers classic French mime. See it at least once while you are in Boston.

## Film

Most popular films at MIT are presented by the **Lecture Series Committee** (LSC,W20-457,x3-3791), which also sponsors free lectures by famous personalities from time to time. An entertainment series featuring recent films is shown in 26-100 or Kresge on Fridays and Saturdays; you need an MIT or Wellesley ID to get in. The public at large is allowed to attend the Sunday film series in 26-100. During the summer, a film series is also presented. Admission is 75¢ for all movies; schedules may be picked up at the Information Office (7-111) or at LSC. Call dormline 5-9179 for a recording about upcoming movies. You can also buy an LSC Superticket for \$15 which entitles you (with guests) to a total of 20 admissions during the year. It isn't any cheaper, but it saves you from waiting in the long ticket lines.

At MIT, there are several groups which put on films. The **MIT Film Society** presents experimental and classical works Monday nights in Room 6-120; admission is \$1. The **Humanities Department** has free films related to class discussions, but often excellent in their own right (get schedules from Course XXI headquarters). The **nationality clubs** often show the better films from their native lands. All MIT showings are usually announced on the bulletin boards and in *Tech Talk*.

The Student Center Committee runs the **Midnight Movie Series** on Friday nights at midnight in the Sala de Puerto Rico in the Student Center. These movies are free with an MIT or Wellesley ID. Schedules are available at the SCC office (W20-347) at the start of each term.

Commercial movie houses cover the entire spectrum. During afternoon performances, prices can be as cheap as one buck. And if you make the mistake of attending an evening performance at the Sack 57, on the other hand, they'll milk you for \$4.



## **Cambridge Cinemas**

**Brattle** (40BrattleSt,876-4226,MBTA:HarvardSq) Always excellent old and foreign films. \$1 Wednesday, \$2 other days.

**Central Cinemas I & II** (425MassAv,864-0426,MBTA:CentralSq) Films vary. \$1.50 before 4pm, \$2.50 after.

**Crimson Galleria** (57BoylstonSt,661-3737,MBTA:HarvardSq) First-run films of average quality. \$1.50 before 4, \$3 after.

**Harvard Square** (HarvardSq,864-4580) Good recent films, some series.\$1 before 5, \$2 after.

**Orson Welles** (1001MassAv,868-3600,MBTA:HarvardSq) Everything you can imagine in 3 theaters, including midnight shows. \$1.50-\$3.50.

## **Boston Cinemas**

**Allston Cinema** (214HarvardAvBrookline,277-2140) \$1.50 all shows.

**Beacon Hill** (1BeaconSt,723-8100,MBTA:Charles) First run and recent. \$3 before 6pm, \$3.50 after.

**Charles** (196CambridgeSt,227-2727,MBTA:Charles) First-run and recent. Three cinemas. \$3 and \$3.50.

**Cheri Complex** (DaltonSt near the Pru,536-2870,MBTA:Auditorium) \$3 to \$4.

**Cinema 733** (733BoylstonSt,266-0342,MBTA:Copley) Excellent old and recent films, changed twice weekly. \$1 to \$2.50.

**Exeter Theater** (ExeterSt at Newbury,536-7067,MBTA:Copley) An old and dignified theater recently revived. Movies first-run and well chosen. \$1.50 to 5pm, \$3.50 after. Mon-Thurs \$2.50 with student ID.

**Garden** (19ArlingtonSt,536-9477,MBTA:Arlington) First runs \$3, revivals \$2.50.

**Gary** (131StuartSt,542-7040,MBTA:Park) \$1.50 to \$3.50.

**Kenmore Square Moviehouse** (646BeaconSt,262-3799,MBTA:Kenmore) Features excellent movie series. Recent series include Jewish films, women's films, and monster films. \$1, \$2.50 and \$3 depending upon time and show.

**Paris Cinema** (841BoylstonSt,267-8181,MBTA:Copley) The worst first-runs that money can buy. \$3.50.

**Park Square** (31StJamesSt,542-2220,MBTA:Arlington) \$2.50-\$3.

**Pi Alley** (237WashingtonSt,227-6676,MBTA:Park) First-runs. \$3 before 5, \$3.50 after.

**Sack 57** (200StuartSt,482-1222,MBTA:Park) \$3.50 before 5, \$4 after.

## Music

### Classical

Boston is a great city for all types of music. In the classical field, the foremost performing organization is the **Boston Symphony Orchestra (BSO)**, undeniably one of the world's finest orchestras. The music director is Seiji Ozawa. A favorite of Boston audiences, he is great fun to watch as well as listen to. Colin Davis and Michael Tilson Thomas are two of the orchestra's guest conductors and will do several concerts. Sarah Caldwell, the first woman ever to conduct the Metropolitan Opera in New York, will also be a guest this season.

Concerts are given in the nearly acoustically-perfect Symphony Hall (corner of MassAv and HuntingtonAv in Boston) on Friday afternoons, Saturday nights, and assorted Tuesday and Thursday nights. They are divided into several series, which are sold on a subscription basis at Symphony Hall. There is also a set of six open rehearsals, sold singly or by the set. These feature unreserved seating, informal dress, and a run-through and rehearsal of the coming Friday-Saturday pair's program.

Tickets can be acquired in many ways. First, one can buy a subscription for a series at Symphony Hall. This is a good buy, with a guaranteed location and renewal rights, if you know you'll be free and interested in going to all the concerts (or you can sell the extra ones). For single tickets (that is, any number of seats for a single concert), you can try the Symphony Hall box office (266-1492) four weeks in advance. They often have seats for sale for weeknight series, but they are at full marked price. TCA (W20-450,x3-4885) often gets singles given to it by MIT community members who can't use their subscription seats on a given night — check with TCA and look on the music library bulletin board. Also, you can get open rehearsal tickets at a discount from TCA. Watch the TCA bulletin board for information about when the open rehearsals occur. Symphony Hall also offers tickets cheaply on two plans. One is "rush seats," in which 150 tickets are put on sale for \$1.50 two hours or so before the concert time on Friday or Saturday (for a popular concert, get there very early). The other is "student tickets;" tickets left unsold ten minutes or so before the concert time are sold at \$3 (regardless of face value) to students with ID's at the Huntington Avenue entrance to the hall (not the main box office). Student tickets are available for most series, but weeknights are the best bet.

The BSO minus its first-chair players performs as the **Boston Pops Orchestra** from mid-April through late June. Arthur Fiedler is an excellent conductor if you like light music, and the Pops has many enjoyable guest conductors and soloists. A recent far-out example was Prof. Peter Schickele's *A Grand Overture for 3 Vacuum Cleaners, 1 Floor Polisher & Full Orchestra Op 57*. Pops programs are long streamers which can sometimes be found around MIT. The seats on the floor of Symphony Hall are replaced by tables, and the suit-and-tie patrons by noisy champagne drinkers, but it's all in the Pops' style. If you go, try to sit on the second balcony in order to avoid the noise from the floor. "Tech Night at the Pops" is generally attended by alumni; it has recently featured Institute faculty soloists, and is worth hearing.

First-chair players of the BSO comprise the **BSO Chamber Players**. They give several concerts a year in Sanders Theatre. Information can be obtained through Symphony Hall and from TCA (x3-4885). Tickets can be obtained through subscription by



Symphony Hall only. This chamber ensemble is one of the very best around.

The other professional orchestra in town is the **Boston Philharmonia**, a smaller group organized by the musicians themselves. They give their own series of concerts in the National Theatre at the Boston Center for the Arts. Many of the players also belong to the **Cambridge Festival Orchestra**, which accompanies choral groups. The Philharmonia tends to do more early and recent work than the BSO. Although their technical level is not as high, they do often show great enthusiasm. Call 426-2387 for information about dates and prices (series or single tickets available, there are special discount prices).

There are three operatic companies which perform in Boston. The (New York) **Metropolitan Opera** usually comes here in April on its annual tour, with a general sampling of its justly famed star singers. It performs in the John B. Hynes Civic Auditorium, which looks and sounds like a barn. Information is generally posted in the Music Library. Ticket orders for priority seating may be made at TCA in late January.

The **Opera Company of Boston** (172NewburySt,267-8050) is a local company run by Sarah Caldwell. It features both local and out-of-town top-notch performers, including the incomparable Beverly Sills. Sarah Caldwell is excellent at directing and producing operas, and the final product is always outstanding. Performances are held at the Orpheum Theatre, and tickets are regrettably expensive. The best way to get tickets is through a series subscription; tickets bought singly are 25% more expensive and are available only two weeks before a performance. For impoverished students willing to wait until the last moment rush tickets (assuming there are still seats left) go on sale half an hour before performances.

The **Associate Artists Opera Company** is a new and exciting professional opera company. They are sponsored by the Boston Center for the Arts and have been performing in their building on Tremont St. in Boston. A regional opera group, they do not have "big name" stars from out of town to help draw an audience. In spite of this, their productions are always top notch. Discount tickets are available at TCA.

Boston probably has more good choral music than anywhere else in the country. The **Handel and Haydn Society**, which has been around since the early 1800's, gives six performances a year. The highlight of its season is its annual performance of Handel's **Messiah** in Symphony Hall at Christmastime. Thomas Dunn, the music director of the society, is an expert on proper musical style, and each year the Society reproduces an actual performance of Handel's as exactly as possible with respect to performing forces and correct choice of alternative versions of different sections. They tend toward an unusual choral and orchestral repertoire (the name is narrower than the Society). Buying a subscription is a good idea, as concerts tend to be sold out well in advance. For ticket information call 266-3605.

Less well known, but no less fine are the **Cantata Singers** and the **Cecilia Society**. The former group primarily performs Baroque works, although they occasionally include contemporary pieces. The Cecilia Society has a broader repertoire. Both groups perform at Sanders Theatre. Tickets are sold at TCA (W20-450,x3-4885).

The **MIT Choral Society** presents four or five exquisite concerts every year under the

direction of John Oliver, who conducts the Tanglewood Festival Chorus during the summer.

The next item is too diversified to fit into any one category. It is the **Boston University Celebrity Series**, which brings dozens of superb artists to Boston, performing in Symphony Hall, Jordan Hall and occasionally other places. Check their flier, which is available in the Music Library and at TCA. Tickets may be bought on a subscription basis from the BU Celebrity Series (420BoylstonStBoston,536-6037) or individually from the concert halls involved or TCA.

The **Cambridge Society for Early Music** brings several guest artists each year to Sanders Theatre as well as one program conducted by the Society's music director, Iva Dee Hiatt. Subscriptions are a good idea — things get sold out quickly. Boston also has its own superb early music chamber group, the **Boston Camerata**, directed by Joel Cohen. They perform three times a year at Jordan Hall and Sanders Theater.

The **Peabody-Mason Music Foundation** brings guest artists for six concerts to Sanders; tickets are free (funding came from Mrs. Mason's bequest). To get one, you have to write a letter postmarked no sooner than one month before the concert, enclose a stamped, self-addressed envelope, and mail it to the Peabody-Mason Music Foundation, P.O. Box 153, Back Bay Annex, Boston 02117. Send your request (no more than 2 tickets per person) very soon after the one month limit, as tickets go very quickly. A wide variety of chamber works is presented. A schedule can generally be found in the Music Library.

Boston has a resident ballet group, **The Boston Ballet** (19ClarendonStBoston,542-3945). The season runs from November to May and often features outstanding guest dancers. Check the bulletin board at TCA for this year's schedule. Tickets may be purchased singly or as a subscription, and student discount tickets can be ordered at TCA (W20-450,x3-4885).

Local schools of music often present recitals by students and staff which can be excellent and are usually free of charge. **The New England Conservatory** (290HuntingtonAvBoston,262-1120) publishes a monthly listing of performances there. Of special note are that school's symphony orchestra, chorus, and ragtime ensemble. Also try the **Berklee College of Music** (1140BoylstonStBoston,266-3525) and the **Longy School of Music** (1FollenStCambridge,876-0956).

Within MIT itself there are several sources of music. The Humanities Department sponsors free noon-hour chamber music concerts on Thursdays in the Chapel. Periodically there are concerts in the Building 7 Lobby. The Music Department sponsors a series of evening concerts throughout the year. Performances are by outside artists, many of them well known (e.g. the Guarneri Quartet), and the concerts are generally free and open to the public.

Of special interest are the following groups that not only provide excellent performances throughout the year but also offer the opportunity to participate. The **MIT Symphony Orchestra** is open to MIT and Wellesley students and alumni. Its repertoire combines standard classical works with a significant amount of contemporary music.



This highly acclaimed college ensemble augments its Cambridge season with a spring tour. The **MIT Concert Band** is open to the entire MIT community. Performances include specially commissioned works. The **Concert Jazz Band** and **Festival Jazz Ensemble** are open to the entire MIT community, and perform works by young Boston area musicians. The **Choral Society** is a mixed chorus open to the entire MIT community, and new members are always welcome. The **MIT Chamber Music Society** is also open to all members of the MIT community. This group provides coaching by music faculty and staff for all kinds of chamber ensembles. Groups whose work leads to performance can receive undergraduate seminar credit. The Society sponsors monthly concerts in the Music Library, as well as an evening series in Kresge Auditorium. Included in The Society are the **MIT Brass Ensemble**, the **Logarhythms** (barbershop quartet music), and the **Gospel Choir**.

Membership in the above groups is by audition, usually held early in September. For more information call the Kresge Music Office, x3-2906. The best places to find out about performances given by these groups are the kiosks and bulletin boards around the Institute, or check the listings in *Tech Talk* and the calendar put out by the Council for the Arts.

For most of the above events there are standard sources of information that can be checked regularly. The MIT Music Library maintains a bulletin board with concert announcements, as does the music department on the second floor of Bldg. 14. TCA has a bulletin board in its office (4th floor, Student Center) and one at the junction of Buildings 12 and 4. There are concert listings in several papers, especially *The Boston Phoenix/B.A.D.*, *The Real/Free Paper*, the *Boston Sunday Globe*, and the *Calendar* section of the *Thursday Globe*. Also check the *WCRB Guide* (recommended for people who like classical music) and *Boston Review of the Arts*. The Symphony Hall box office is the place to call for information on all events at the Hall, including BSO concerts. Jordan Hall (536-2412) is the location of New England Conservatory concerts and of other events.

During the summer there are performances by various groups on many of the city's parks and along the Esplanade in the Hatch Shell. The Boston Pops play free here during the first two weeks of July, but it can be very crowded. The BSO moves to Tanglewood in western Mass. for the summer. For information, call 266-1492.

*A guitar's all right, John, but you'll never earn your living by it.*

— John Lennon's aunt

## Folk

The center of the Boston folk scene is **Passim** (47PalmerStHarvardSq), which attracts nationally famous performers, and charges \$2 to \$6 depending on the performer and the night. The **Joy of Movement Center** (OddFellowsHall536MassAvCentralSq) has weekly folk concerts on Friday or Saturday nights that are well worth the donation (\$1-2) that they request. **Nameless Coffeehouse** (3ChurchStHarvardSq) is free, and you get what you pay for. **Sword and the Stone** (13-15CharlesStBoston) is Boston's oldest folk club and frequently features jazz and pop artists as well as folk. **Stone Phoenix** (1120BoylstonBoston) and **TurksHead** (7½CharlesStBoston) feature folk artists of

many nations. **Reflections Coffeehouse** (10dMtAuburnStCambridge) has folk musicians two nights per week. Three Cambridge bars are famous for the musicians they attract: **Inn-Square Mens Bar** (ProspectStInmanSq), **Club Zircon** (289BeaconStSomerville) and **Plough and the Stars** (912MassAvHarvardSq). Plough and the Stars is an Irish pub, with Irish music on traditional instruments. Club Zircon's special night is Monday, when everyone joins in an open sing. On campus, folk music died in 1974, when the free **Potluck Coffeehouse** passed into history. The Student Center Committee and WTBS would like to revive it; contact them if you are interested. Peter Jackson of Living Folk Records and Concerts (65MtAuburnStCambridge) is the patron saint of Boston folk music. He mails out free announcements of upcoming folk events to anyone who asks.

## Jazz

Jazz flourishes in Boston's bars. **1369** (InmanSq, Bus 83 from CentralSq) features good electric jazz in a comfortable pub atmosphere. **Club Zircon** (289BeaconStSomerville) frequently features quality jazz in one of the friendliest, seediest bars around. Boston's "class" jazz bar is the **Merry-Go-Round** in the Copley Plaza Hotel in Colpey Square. Be prepared for the best, and be prepared to pay for it. **WBUR** broadcasts live from the Merry-Go-Round when they have an exceptionally good artist, which is just about every week. **Paul's Mall** and **Jazz Workshop** (733BoylstonStBoston) are also expensive. They advertise heavily, so if you've never heard of their performers, your head is in the sand. If you enjoy blues, **Speakeasy** (22NorfolkStCambridge) is your place. Current jazz performances are not, in general, well publicized. The only way to find out what's happening is to call the **Jazz Hotline** (262-1300, a service of WBUR) or to go to every bar in town and ask.

## Rock

We wish we knew more about rock music, but we don't. The **Orpheum** (WashingtonStBoston,482-0650), the **Boston Garden** (227-3200) and the **Music Hall** (TremontStBoston,423-3300) frequently have rock concerts. Call them and read the *Globe Calendar*, *Real Paper*, and *Boston Phoenix* for more information. Many bars have disco, dance, and rock music (see the section on **Bars**). If you can provide more information for *HoToGAMIT*, send us a feedback sheet, or stop by the TCA Office.

## Coffeehouses

Coffeehouses are pleasant places to study, talk, and relax. Some, such as Reflections and Cafe Vendome, have music every night. Others simply have tea, cake, and a pleasant ambiance.

**Algiers** (TrucComplexBrattleStCambridge,547-9112,MBTA:HarvardSq) Cozy basement coffeehouse, with interesting coffees. At random times guitar pickers visit and perform for free.

**Blue Parrot** (123aMtAuburnStCambridge,491-1551,MBTA:HarvardSq) Good food, bright cheery atmosphere, well-chosen recorded music.

**Cafe Pamplona** (12BowStCambridge,MBTA:HarvardSq) No music, unexciting, good place to study.



**Cafe Vendome** (160CommAvBoston,536-3556,MBTA:Copley) Live chamber music every night, terrible food, crowded on weekends.

**Cambridge Folk & Talk House** (863MainStCambridge,492-2900,MBTA:Central) Might still exist.

**Coffee Connection** (TheGarageBrattleSt,MBTA:HarvardSq) The best coffee in town. Unfortunately, their atmosphere leaves much to be desired — the tables are just stuck out in the middle of the room, between the entrance and their excellent coffee store.

**Grendel's Upstairs** (87WinthropStCambridge,491-1757,MBTA:HarvardSq) Quiet music, good pastries and coffees.

**Hemispheres** (45½MtAuburnStCambridge,358-9563,MBTA:HarvardSq) Live chamber music Sunday and Tuesday nights. Pleasant.

**Nameless Coffeehouse** (3ChurchStCambridge,864-1630,MBTA:HarvardSq) Friday and Saturday nights only. Free, live folk music.

**Off the Wall** (861MainStCambridge,547-5255,walk from MIT) Dark and comfortable. Features short movies every night. Small cover.

**Passim** (47PalmerStCambridge,492-7679,MBTA:HarvardSq) Only barely a coffeehouse. Better classified as a folk club, they have nightly concerts by the top local musicians, and an expensive cover.

**Reflections** (10dMtAuburnStCambridge,661-1118,MBTA:HarvardSq) In the basement of the Real Paper Building, Reflections has the most varied musicians and menu of any local coffeehouse. Classical, jazz, and folk musicians perform nightly, and schedules are available. The menu includes African, deli, and vegetarian food. Small minimum.

**Stone Phoenix** (1120BoylstonStBoston,MBTA:Auditorium)

**Sword and the Stone** (15CharlesStBoston,523-9168,MBTA:Charles) just over the Longfellow Bridge from Kendall Square.

**Turks Head** (71.5CharlesStBoston,227-3542,MBTA:Charles) International folk.

**Up from Under** (136RiverStCambridge,491-6930,MBTA:Central) Go while it's still there.

**Note:** Check *The Boston Phoenix* and *The Real Paper* for very complete listings. Also, almost every college in the area has its own coffeehouse on weekends during the academic year.

The **24-Hour Coffeehouse** in the Student Center sells donuts, bagels, candy, coffee, fruit drinks, and some other items. It has been in operation for several years now in the Center Lounge. Wellesley bus tickets (for the weekend buses) are sold for 75¢, and they usually have copies of the bus schedule. Their extension is 3-3944. The **Muddy Charles Pub**, operated by the GSC, is open for lunch and offers beer and wine.

## Discos/Bars

There are innumerable bars and discos in the area. Most offer evening entertainment. We cannot even hope to list and review all of them. A quick list is all we have, and help in reviews for next year is welcome.

**Backroom at the Idler** (123MtAuburnStHarvardSq) Loud and crowded rock.

**Brandy's** (1110CommAvAllston,232-4386) Disco.

**Bunratty's** (186HarvardAvBrighton,254-4386) The pickup bar for the sleazy set.

**Casablanca** (TrucComplexBrattleStHarvardSq,876-0999) Rock.

**15 Landsdowne** (15LandsdowneStBoston,262-2424) Formerly a gay bar.

**Flicks** (400CommAvBoston,267-9000)

**Inns Square Mens Bar** (1350CambridgeSt,354-8458),Bus:83Central-InmanSq) Folk and jazz bar.

**Katy's** (KenmoreSqBoston,536-1950) Disco pickup.

**Jack's** (952MassAvCambridge,491-7800)

**Jonathan Swift's** (30BoylstonStHarvardSq)

**Jazz Workshop** (733BoylstonStBoston,267-1300)

**Lucifer** (KenmoreSqBoston,536-1950) Rock pickup.

**Mad Hatter** (25NeccoStBoston,426-8441) Decadent pickup.

**Merry-Go-Round** (CopleyPlazaHotel,CopleySq,267-5300) Jazz.

**Mirage** (590CommAvBoston,266-7050) Rock.

**Orson Welles Bar** (1001MassAv,868-3607) Folk & classical.

**Oxford Ale House** (36ChurchStHarvardSq,876-5353) Dance.

**Paul's Mall** (733BoylstonStBoston,267-1300) Jazz.

**Plough and Stars** (1912MassAv,354-9214) Traditional Irish pub.

**Pooh's** (464CommAvBoston,262-6911) Jazz

**Speakeasy** (22NorfolkStCambridge,354-2525) Blues.

**Sugar Shack** (110BoylstonStBoston,426-0086) Rock pickup.

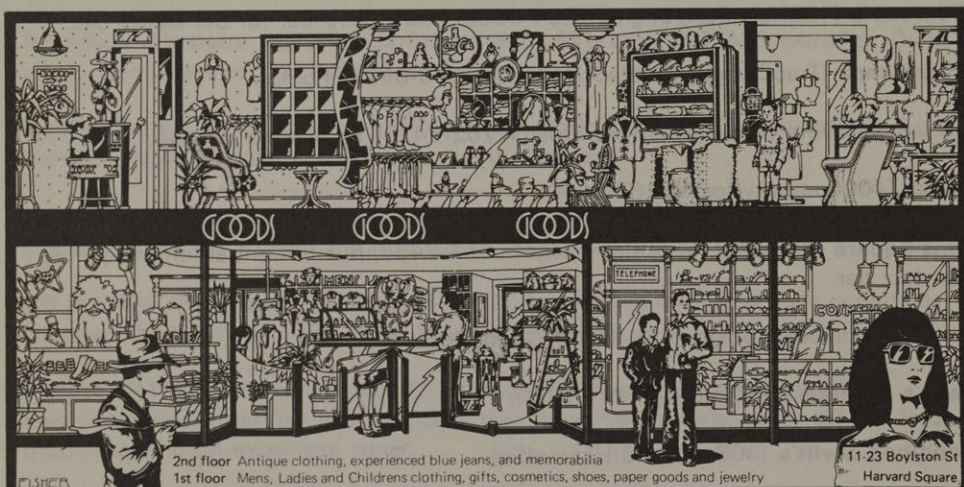


## HoToGAMIT

**1369** (InmanSqCambridge) Jazz.

**Zelda's** (1194CommAvBrighton,731-0271) Rock.

**Zircon** (298BeaconStSomerville,354-9242) Jazz & folk.



**Listen Smokers:**  
**You don't have to wait 20 years**  
**for cigarettes to affect you.**  
**It only takes 3 seconds.**

In just 3 seconds a cigarette  
makes your heart beat faster,  
shoots your blood pressure up, replaces oxygen in your blood with  
carbon monoxide, and leaves cancer-causing chemicals  
to spread through your body.

All this happens with every cigarette you smoke.  
As the cigarettes add up, the damage adds up.  
Because it's the cumulative effects of smoking—adding this  
cigarette to all the cigarettes you ever smoked—  
that causes the trouble.

And tell that to your dog, too.



# Recreation

Recreational opportunities abound. At MIT, the athletic facilities are extensive and available to all. MIT does not have many spectator sports, but the Boston area has so many that few mind MIT's lack. Boston also has bowling alleys, skating rinks, and every other sport that one would expect to find in a city of its size.

## On Campus

The MIT athletic programs are unusual because they stress mass participation and enjoyment rather than the specialized honing of selected intercollegiate teams. Anybody in the MIT community, no matter how physically (un)fit, is welcome to use the athletic facilities and to receive trained assistance in developing his full potential. The programs offered include intercollegiate and intramural sports, physical education classes, private and group instruction in various sports, and recreational facilities of exceptionally high quality:

The ticket to all facilities except the Sailing Pavilion is an athletic card, which at \$5 for students, \$35 for faculty and staff, and \$60 for alumni, is one of the few true bargains left in the Boston area. It entitles you to virtually unlimited use of all the facilities, including duPont Gym, Rockwell Cage, the tennis courts, skating rink, swimming pool and boathouse (crew). The shower facilities come in handy, especially on hot, sweaty days, or if you don't live nearby and want to freshen up for one reason or another. Athletic cards may be purchased at the Alumni Pool or duPont.

Use of the athletic card is extended to the holder's immediate family (i.e. spouse and children). The card holder may bring guests (50¢ for students, \$1 for others).

The Director of Athletics is Prof. Ross (Jim) Smith (W20-105,x3-4497). His office can provide detailed information on matters relating to athletics. His office also has the power to effect policy or other changes and to mobilize the full resources of the athletic staff. For information on a specific sport, call Prof. Smith's office or the coach for that sport; coaches' offices are located in the duPont Athletic Center (W32).

## Intercollegiate Teams

MIT fields teams in at least 22 intercollegiate sports, more than any other college in the nation. Football is not one of them. Varsity teams exist for each sport, and most have JV and/or freshman teams. About one-fourth of the undergraduates compete in some intercollegiate sports, notably sailing. Check both the men's and women's athletic handbooks, which are available from the Athletic Department, and talk to the coaches involved.



Spectators are welcome, free of charge, at all MIT sporting events. For information on the times and places, and schedules for the season or on a week-by-week basis, call Peter Close, Sports Information Director (W32-119,x3-7946). Also, sports events for the week are listed in the Institute Calendar in *Tech Talk*. You can also check the sports page of *The Tech* and the "Sports Today" columns of the Boston newspapers.

*The colors of Technology are cardinal red and silver gray.*

— MIT Handbook, 1945

## Intramural Sports

A very extensive program is open to all graduate and undergraduate students, faculty and staff, with a few exceptions (see below). You don't have to be good to go out for a sport. You may not get to play much, but you'll get more than enough out of practices.

Undergraduates play for teams sponsored by their living groups or other organizations. Grads can play on an undergraduate team if they have ever been a part of that group, or in the case of fraternities, if they were members of another chapter of the same fraternity as undergraduates. In addition to living group teams, anybody can organize an intramural one with friends or colleagues. Almost anyone in the MIT community can play on a team if (s)he wants to (except individual sports, which you can play in anyway). If you don't have a team to play on, contact David Michael, the Intramural Supervisor, in the Intramural Office (W20-123,x3-2925 or x3-7947).

The present intramural sports are:

FALL	WINTER	SPRING
Cross Country	Basketball	Badminton
Cycling	Bowling	Cycling
Football (touch)	Hockey	Rifle
Tennis	Swimming	Sailing
Volleyball	Wrestling	Softball
Soccer		Squash
		Table Tennis
		Track
		Water Polo

For more information on any phase of the intramural program, contact the Intramural Office (x3-2925).

## Community Leagues

In many sports there are leagues for people simply interested in playing. Teams are formed by groups from departments, labs or mere coincidence, and everyone in the MIT community is welcome. The two largest such leagues at present are the **Community Hockey League** and the **Summer Softball League**. Impromptu groups for squash, tennis and handball are also very common, especially at the staff and faculty level. Check with your friends to see if a team already exists which you can join. Call x3-4498.

## Club Athletics

The athletic clubs provide their members with the opportunity to participate in various athletic activities which are not available under other programs, or for which there is an

avid following. There are clubs in cricket, graduate crew, judo, rugby, weightlifting, whitewater and others. For more information, call the Athletic Department (x3-2925).

### Casual Recreation

Unless reserved for intercollegiate or intramural use, all of the athletic facilities are open to all members of the MIT community. All you need is an athletic card, which can be bought at either duPont or the swimming pool. The principal athletic facilities are listed below; consult the department or the facility itself to get information about open hours.

**Alumni Pool** (Building 57, x3-4489) is open at different times of the day for physical education classes and open swimming, with family swimming on Fridays and Saturdays. The pool has shower and locker facilities. Towels and swim suits are provided, or you may wear your own suit if you leave it there to be washed. The hours vary according to the time of year. If you want to swim on a particular day call the pool and ask when free swimming is for that day. Also you can pick up a schedule of hours at the pool.

**Skating Rink** is an outdoor rink near Rockwell Cage and is open from November to mid-March, weather permitting. It serves the intercollegiate and intramural hockey teams, while providing recreational skating for long periods of the day. Call x3-2914 for information about ice conditions, schedules and skating classes, which are offered at various levels, including children's classes. After office hours call x3-2912.

**Squash Courts** are in three locations. There are eight courts at the Alumni Pool, six courts (of which three are open to women) at duPont and two courts at Walker Memorial. The courts at Walker are open to women, but there are no shower or locker facilities for them there; the nearest ones are at the swimming pool. The reservation number for the swimming pool is x3-4489; duPont is x3-2914. The Walker Courts are not scheduled, and are rumored to be open all night. What can be more exhilarating than a 3am squash game?

**Tennis Courts** are mainly on Briggs Field. They can be reserved (in season) by calling x3-2912 between 12 and 2pm. Since some of them are clay courts, you must have regulation tennis shoes with smooth soles. Near Walker there are four paved courts which may be reserved by going to the East Campus desk. Don't call, you have to sign up there. The four indoor tennis courts in the J. B. Carr Center may be reserved by students only, at least 48 hours in advance, for the hours of 2-6pm, at no charge. At other times, and for non-students at all times, a fee of \$6 per court is charged. Call x3-1451 for reservations. For both Walker and Briggs courts, reservations must be made one day in advance.

**DuPont Athletic Center** has several facilities besides those already mentioned. There is a workout room, an exercise room including high and parallel bars, a judo mat and a horizontal ladder, a fencing room, a wrestling room, a large gymnasium which is used for everything from final exams to basketball, a 31 firing-point shooting range (rifle and pistol), lockers, showers, sauna facilities, and various smaller rooms. For information on any aspect of the Center call x3-2914, unless you are an instructor wishing to use the gymnasium for finals, in which case you call the Schedules Office (x3-4788).



**Other services** include skate sharpening, racket restringing and general equipment work. The equipment desk at duPont sells some small athletic items, often below list price.

**MIT Sailing Pavilion** is the only facility where an athletic card won't get you in. You have to have a nautical card which can be bought at the Cashier's Office (10-180) and at last count costs \$6 for students, \$15 for employees, and \$25 for alumni, with an additional \$1 charge for each family member who will use the card. To be an active member you must also have passed the small craft swimming test. For more information call x3-4884.

The sailing pavilion has quite a few boats of various kinds, for which different levels of expertise are necessary if you want to sign them out. There are also sailing classes (see below) along with individual instruction. Sailing is very popular at MIT, especially during the spring and summer months. If you've never tried it, try it and find out why.

**MIT Shooting Range**, located in the basement of the Armory, is one of the finest in the country. Fifteen points are available for pistol, rimfire .22 through .45 ACP, and 16 points for smallbore rifle. The facilities are open to all members of the MIT community. Equipment is available for a small fee to those who wish to shoot informally, and during the winter many international-style tournaments are held for those interested in formal competition. For details on the various programs, contact the Rangemaster (x3-3296).

**Pierce Boathouse** (W8, across from Burton House, x3-6245) is the center for crew and sculling. It has an indoor rowing tank for winter practice, along with weight rooms. It is possible to take out a single or double scull if you have a small craft card and know how to scull. Check at the boathouse. To get a small craft card, go to the swimming pool and take the test.

**Rockwell Cage** is open for jogging during lunch hour over the winter, and is the scene of indoor track meets and intercollegiate basketball games. The Cage also hosts occasional exhibitions, graduations, inaugurations and the Activities Midway in the fall. There are also classes offered in some activities and sports. They are described in greater detail below.

Not strictly athletic, but closely related are the **bowling alleys** and **billiard tables** in the basement of the Student Center. There are **ping pong tables** and a **pinball room** on the second floor of the Student Center. Check with the 24-hour Coffee House for ping pong paddles and balls.

### Physical Education Classes

In accordance with its broad-based orientation, the Athletic Department offers an enormous variety of classes in sports and general physical education. Special interest groups and individual teachers widen the spectrum to include almost every form of physical activity, including riflery, folk dancing and rock climbing.

During the year, regular physical educational classes meet two hours a week for sessions lasting a quarter (half a term). These classes cover all the varsity sports and often

make up a student's first introduction to a sport in which he later participates on an intercollegiate or intramural basis. This statement is especially relevant when applied to such sports as lacrosse, pistol and squash, which few freshmen have participated in before coming to MIT. Also, there are classes in development, swimming (from beginner to instructor levels), and such recreational sports as judo and archery. Finally there are sessions in modern dance and folk dance ranging from beginning to advanced, with opportunities to join in dance groups and exhibitions as part of the subject.

Although the programs were originally designed for freshmen who have to meet a physical education requirement, anybody can use them, and they are excellent ways to relax, build up physical fitness and learn a sport at the same time. Excluding a few very popular classes such as pistol, rifle, sailing and judo, they are often under-enrolled and thus especially open to upperclassmen, grads, faculty and staff. There is priority for students with unfilled physical education requirements. Check with the Athletic Office or the coach teaching the subject.

During IAP (in January) there are a number of special sessions offered, notably in ice skating. If you want to get in one of these, sign up early — they fill up fast.

Yoga is taught by a special interest sub-group of the Technology Matrons. Call Mrs. Turchinets (862-2613) if you're interested. Also Prof. G. B. Thomas (of calculus textbook fame, 2-361, x3-7948) occasionally teaches yoga — check with his office.

It is possible to take certain physical education courses at Wellesley if there are no facilities at MIT (horseback riding, canoeing, etc.).

## Training Room

There is a training room in duPont Athletic Center adjacent to the men's locker room. It has extensive facilities, including a whirlpool bath and an exercise bench equipped with elastic bands for extension and flexion exercises.

*Freedom will cure most things.*

— A.S. Neil, *Summerhill*

Jimmy Lester and Bob McQuaid are the resident experts in dealing with strains, sore backs and all the minor discomforts attendant upon either participation in sports or the lack of it. They often receive referrals from the Medical Department for physical therapy. If you have a sprained ankle or secretary's back (not limited to secretaries), they are the people to see. Call them at x3-4908.

The training room and the trainers are there for the use of the entire MIT community, whether you use any of the other facilities or not. Although the location of the training room makes it difficult for women to use it, the trainers are willing to assist women just as they do men. Don't hesitate to call if you have muscular aches and pains. There is a part-time women's trainer. Call x3-4908 to see when she's there.

## Daily Exercise

The best known exercise program is Maggie Lettvin's class, given Monday through Friday noon-1pm, 1-2, and 5-6 during the school year and from 12 to 1 during the



summer. Sessions are held in the exercise room at duPont. Classes are open to the entire MIT community, and exercises are designed for all human bodies in all stages of (un)fitness. This year there will also be special clinics on lower back problems and varicose veins.

There is also an informal jogging club working out around noontime (out of duPont), as well as physical fitness groups in certain departments or project groups. Ask around if you don't want to work out alone.

### Dancing

Opportunities for dancers and potential dancers abound at MIT. The major sponsors of these are the Folk Dance Club, Tech Squares, Ballroom Dancing Club and the Athletic Department.

The **Folk Dance Club** has international dancing every Sunday evening from 7:30 to 11, usually in the Sala in the Student Center. Balkan dancing is held every Tuesday night from 7:30 to 11 in rm491 of the Student Center. Israeli dancing is held Thursday evenings in the Sala from 7 to 11, while Fridays, from noon to about 2, international dancing is held on the Kresge Plaza or during bad weather in the Building 7 Lobby. Instruction is offered at each session and everyone is invited to join in the fun.

For the first eight weeks of each semester, The **Tech Squares** offer a crash course in square dancing. New people are admitted up through the third week; after that, only members (which you become by completing the crash course) and people who have come before are admitted. Dancing is held every Tuesday in the Sala from 8 to 11.

The locations listed above are where the dancing usually occurs. Any changes will be posted at the normal meeting place as well as listed in the *Tech Talk* calendar.

The Athletic Department offers by far the greatest variety of dancing and even offers them as a way of fulfilling the physical education requirement. There are dancing classes in ballet, modern dancing and folk dancing.

You needn't be ashamed if you don't know your right foot from your left; it's fairly easy to learn and there are always people willing to help.

*Everything dances, everything spins.*

— Phillip Morrison

### Summary

The following quotation sums up the general situation quite nicely.

*After a man has completed his freshman year, the faculty assumes he has good sense enough to look after his physique. Present conditions show that this is an unwarranted assumption.*

— *The Tech* editorial, 1921.

If the above dictum applies to you, it is not because of your lack of opportunity to do otherwise.

## Spectator Sports

Boston has major league football, baseball, basketball, and hockey teams, along with an impressive roster of collegiate teams, community teams, semi-professional, and special groups. For more information on local or national sports, call the *Boston Globe* Sports Desk anytime (265-6600).

The **New England Patriots**, with a new stadium, have experienced a rebirth of interest and enthusiasm. Most home games, played at Schaefer Stadium in Foxboro, were sell-outs. For information and tickets, call the club at 262-1776. Round trip rail fare to the stadium from South Station is only \$3. Call 482-4400 for more information.

The **Boston Red Sox** in the American League have been playing hot-cold baseball since they won the pennant in 1975. They have star players such as Fred Lynn and Luis Tiant and enjoy fanatic support from the Boston fans. They play at Fenway Park, which is near Kenmore Square — convenient by foot or subway, guaranteed traffic jam by auto. For more information call 267-8661.

The **Celtics** are Boston's professional basketball team in the NBA. They are winning consistently again with all-stars Cowens, White, Scott and Havlicek leading the team. Games are played in the Boston Garden, located over North Station and thus easily accessible by subway. Tickets for most games will be available at game time in the Garden, as many Bostonians are strictly hockey fans. However, games against New York, Milwaukee, and Los Angeles often sell out earlier. For tickets and more information call 523-6050.

The **Bruins** are the biggest thing in professional sports around Boston. The pride of Boston's innumerable hockey fans and the scourge of the NHL, the Bruins have won the Stanley Cup two of the last five years. The Bruins also play at the Garden, but tickets are hard to come by. Watch the papers for announcements of sales dates, or call the box office at 277-3200.

Big league soccer is as alive and well in Boston as anywhere else in the country. In a town that couldn't support two pro hockey teams we have an interesting situation; two pro soccer teams; The **Astros** (262-2807) of the American Soccer League and the **Minute Men** (277-8520) of the North American Soccer League. Home games for both teams are played at Boston University's Nickerson Field. Their schedules run from the beginning of May through early September. Tickets for either are sold at Nickerson Field. Ticketron also sells tickets for Minute Men games.

Amateur soccer is more firmly established — the Harvard varsity is often near the top of the collegiate ranks. Also, Dilboy Field in Somerville often sees good games between immigrants' teams. The Harvard-MIT graduate student team is a perennially strong contender among the amateurs, and often plays at Briggs Field on Sundays.

The **Lobsters** are the Boston tennis team. Their season is during the summer. Call 353-1188 for more information.

The famous **Boston Marathon**, run each year on Patriot's Day (in mid-April), draws large numbers of both competitors and spectators. The **BAA Meet**, sponsored by the



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Knights of Columbus, is held in the dead of winter, and draws top collegiate and amateur track athletes. Details on both will appear in the papers about a month before the competitions.

Other sporting events in Boston include horse racing, which draws bigger crowds than any other sport. **Suffolk Downs** racetrack features harness racing in the fall, flat racing in the late spring. It is easily accessible by car or by MBTA, as is **Wonderland**, the greyhound racing center. During the summer there is harness racing at **Foxboro**, located south of Boston on Rt95. Additionally, **Rockingham Park** in New Hampshire and **Narragansett Park** in Rhode Island are within comfortable distance for people who enjoy horse racing.

Roller derbies and professional wrestling are occasional visitors at the Boston Garden, and Sam Silverman is usually busy promoting boxing in the Boston area. Roller derbies are also telecast on channel 38; tune them in sometime for a *strange* experience.

But the meat of spectator sports around Boston lies in the collegiate teams which compete in every imaginable sport, including tiddly-winks. Those collegiate events which draw the greatest crowds include football at Harvard and Boston College, basketball at the same two schools and hockey and crew races in general. This specific listing is not meant to belittle anything not mentioned, merely to point out the most obvious popular events.

*After they've been exposed to MIT a few years and get into activities and athletics, a lot of them really blossom. I mean, the change is remarkable. It seems that they're a lot more normal as seniors than they were as freshmen.*

—MIT grad student as quoted in *Sports Illustrated* article on sports at MIT.

## Indoor Sports

### Bowling

Many Bostonians believe that bowling (they call it candlepins) consists of trying to knock down a bunch of wooden dowels with three under-sized balls. There are some places that use normal ten-pins as targets, but be sure to check before you go if you're not sure.

**The Student Center Bowling Alley** — Usual ten-pins, at a reasonable price. They also have special rates sometimes, so its good to ask about them. The alleys are in the basement — follow the signs.

**Sammy White's Brighton Bowl** (1600SoldiersFieldRdExtBrighton,254-0710) This place has both kinds of bowling, and Friday and Saturday night all you can bowl specials which can get pretty inexpensive. Generally a hangout for local kids. Easy to get to as long as you have a car.

**North Station Bowling Alleys** (222 ½ FriendStBoston,523-8871,MBTA:NorthStation) Open daily until midnight.

**Kenmore Bowladrome** (64BrooklineAveBoston,267-8495) This one is obviously near Kenmore Square. It only has candlepins and billiards.

## Ice Skating Rinks

When it comes to ice skating and you don't have the use of a car your best bet is probably the MIT rink. Between classes and intramural and intercollegiate games there are a few hours set aside for free skating. Check at duPont for the times.

**MDC Rink** (SomervilleAveSom,623-9717)

**Boston Arena Authority** (238StBotolphStBoston,267-3810)

## Roller Rinks

Roller rinks are a definite problem without a car. Even *with* one, the closest is about 25 minutes away, if you don't get lost. These are listed from closest to farthest. The first two are about the same.

**Bal-a-Roue Roller Skating Arena** (376MysticAveMedford,396-4589) This place is open every night and has skate rentals. A definite local hangout where you can rock 'n roll on roller skates. A lot of fun in a group.

**Wal-lex Recreation Center** (814LexingtonWaltham,894-1527) Open every evening, this place also has bowling and miniature golf.

**Di Marzio's Roller Rink** (1284SeaQuincy,472-9521) South of Boston and farther than the other two.

## Outdoor Recreation

Although a metropolitan area, Boston is not far from a large variety of outdoor recreation facilities. All of New England from Cape Cod to the Canadian border is within a few hours' drive, and the variety of possibilities open to people who enjoy the outdoors is impressive.

The **Metropolitan District Commission** (MDC,20SomersetStBoston,727-5215) has information on boating, beaches, public pools and skating rinks. It also manages the major parks and the Blue Hills Reservation, which is a ski area in winter, and a popular picnic resort in the summer. Write them for a copy of their excellent map.

Fishing and hunting information comes from the **Massachusetts Fisheries and Game Division** at 727-3151.

There are a number of nature reserves owned by the Massachusetts chapter of the **Audubon Society** that are well worth visiting. Information on them can be obtained by writing the Society at Rt118 in Lincoln, MA.

## Beaches

The MDC operates **Revere** (in the north) and **Wollaston** (in the south) Beaches, which are unimpressive, even cruddy, but reachable by MBTA. Revere Beach is basically an amusement park, a watered down Coney Island, as is **Nantasket** Beach. Nantasket is accessible by boat from Rowe's Wharf on Atlantic Avenue.

General MDC information is available at 727-5215.



The more popular (and better) beaches are further along the coast, and one needs a car to get to them.

On the North Shore: **Crane's Beach**, off Route 1A in Ipswich, charges \$4 per car on weekends and \$2.50 on weekdays. **Wingaersheek Beach** in Ipswich Bay, charges \$2 on weekends. **Plum Island** is a long and beautiful beach with limited but cheaper (\$1 per car) parking. **Nahant** on a peninsula just north of Boston, is nice and close by, but (as a consequence) often crowded. **Caution:** The water on these North Shore beaches is good and cold.

On the South Shore: **Nantasket Beach** has an amusement area (larger than Revere's), and **Duxbury Beach** is 35 miles south of Boston off Rte 3. Further south are **Cape Cod** with infinite beaches, and **Nantucket** and **Martha's Vineyard** islands.

On **Cape Cod** there are several peculiarities to be noted. First, the rush day for this place is Sunday, when all of Boston deposits itself on the Cape. Since the road facilities for getting on and off the Cape are limited, massive jam-ups result in the evening when everyone tries to go home simultaneously. The obvious solution is to go on a weekday, but if that proves impossible you can avoid the rush by starting at about 6am and heading home not later than 2:30pm, which takes quite a bit of willpower. Also, the best beaches in terms of water conditions are **Nauset** and **Coast Guard** on the eastern shore of the Cape. Since they, like everywhere else, quickly get crowded, you may have to walk one or two miles from the parking lot (north on Nauset, south on Coast Guard) to avoid solidly packed people. The **Cape Cod National Seashore** is undeveloped, but much less crowded.

Ferries run to the islands. The best way to get around once you're there is by bicycle. They can be rented on the island. However, the quality of the rented bikes varies, so bringing your own is a better idea.

If you go to the beach during June or July, bring along some bug dope (insect repellent) or you will be eaten alive.

## Golf

The Boston area does not have many good public golf courses, and most are rather far from MIT. The better courses include **Brookline Municipal** (expensive unless you live in Brookline), **George Wright** in Boston and **Ponkapoag** in Canton (which has 36 holes and low greens fees). There are also a number of privately-owned courses with daily fees; these are usually more expensive but better-kept. **Stowe** has 36 difficult holes and **Powderhorn** is a good par 3 course in Lexington. For more information, talk to other golfers.

## Hiking, Mountain Climbing, Backpacking, Etc.

New England abounds in beautiful mountains and interesting trails. The **White Mountain National Forest** in New Hampshire, the **Green Mountains** in Vermont and **Baxter State Park** in Northern Maine are areas especially worth visiting. Although the mountains in the Northeast are small by Western standards (the highest, Mt Washington, is 6288 ft), they should not be belittled. Treeline is about 4500 ft, so there are many open ridges, and many of the trails are so steep and rough (you would

never get a horse or mule up the trails). Severe New England weather (Mt Washington holds a record for its 231 mph gust) adds to the challenge. Even during the summer the weather in the mountains is violent and highly unpredictable. Take a map, compass, and adequate clothing before venturing out there.

The **Appalachian Mountain Club** (AMC, 5 Joy St Boston, near the Common, 523-0636) maintains hiking trails and shelters throughout the Northeast. They publish maps and guidebooks to the area which are sold there, at outdoor specialty shops, and at The Coop.

If you're contemplating almost any kind of outdoor activity (hiking, backpacking, rock climbing, canoeing, bicycling, crosscountry skiing, snowshoeing, or ice climbing) the place to go for information is the **MIT Outing Club** (MITOC, W20-461, x3-2988). They sponsor trips, have up-to-date information and good advice, and even rent equipment to members or people on club-sponsored trips. They also have two cabins in New Hampshire (one in Intervale and one near Plymouth) that are often used for club trips and may be rented by other MIT groups. MITOC meetings are held Monday and Thursday 5-6pm. New members are always welcome. Sign-up sheets for trips are posted on the club's bulletin board next to the Medical Department. Membership costs \$3. Other organizations that run trips and give beginner's classes are AMC, **Sierra Club** (373 Huron Av Cambridge, 869-9330), and **American Youth Hostel** (251 Harvard St Brookline, 731-5430).

Other outdoor clubs at MIT are:

**White Water Club** — (6-432, x3-5319) White water canoeing and kayaking.

**MIT Soaring Club** — Check in *Tech Talk* for information on meetings.

**MIT Scuba and Skin Diving Club** — For information, call the swimming pool (x3-4489).

**Tektite Skydiving Club** — (W20-401).

For hints on buying equipment, see **Outing Equipment** under **Shopping**. It's also a very good idea to contact someone in the appropriate MIT club for advice.

## Skiing

New England is not the Alps, but it does offer a lot of good downhill skiing. The ski season runs from late November to mid-April and longer in some of the northern regions. The areas offer everything from beginner to championship runs, with ski schools teaching every style of skiing.

Because of the proximity of ski areas, and since there are so many skiers around, you should have little or no trouble finding transportation. Ask around your lab, dorm or even your advisor's office if you are looking for a ride; if you have a car, sniff out some riders who will help pay your gas bills.

Lodging similarly should not be a problem if you go about it right. If you and a group of friends will be going up very often, you might consider leasing a cabin somewhere. You



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could also try finding a lodge near Intervale, New Hampshire, close to many good White Mountain ski areas, for which trips leave each weekend (see above). MIT itself owns Talbot House in South Pomfret, Vermont, which can be used by MIT groups for a fee. Trips to other areas are occasionally organized by MIT groups, with lodging included.

Lift tickets cost between \$5 and \$12 per day. However, you can save money by skiing weekdays (more skiing for your ticket, sometimes lower cost too), taking advantage of ski weeks and other special programs (a great way to learn to ski), and cashing in on student discounts, which are offered at some areas. Ski areas are usually open 9am-4:30pm.

At least two radio stations (WRKO, WBZ) give daily ski reports during the season; you can also call the **New England Council** (522-2580) for information. To interpret these reports, you can use the following conversion factors: Excellent = good skiing; very good = general snow cover, with some ice or bald spots; good = pretty bad, mainly ice and large bald areas; fair = unskiable, confluent baldness. Also, several areas have Yellow Pages listings so you can call them up yourself. Beginners' slopes are normally better off than "pro" slopes on the same mountain, so if you are not a wonderful skier you don't have to be quite so leery of the reports.

Listings of ski areas follow below. Some are quite out of date, and the list is by no means exhaustive. Try your local pro for more information.

### Close at Hand

**Blue Hills** in Canton, accessible by MBTA (take the Brush Hill bus from Mattapan station), is a beginners' area. It is also crowded, except on weekdays. Facilities include several small lifts.

**Boston Hill** in Andover is not as crowded as Blue Hills. It has a good intermediate slope and is open some evenings. Facilities include one J-bar and three rope tows.

### New Hampshire

New Hampshire sports skiing throughout the White Mountains. The slopes are not as expensive as in Vermont, nor are they as impressive. However, they suffice for all but the hotshot racer or jet-set apres ski fanatic.

**Cannon Mountain** in Franconia offers excellent skiing, and some of the best facilities in New England, including an aerial tram, two chair lifts and four T-bars.

**Mount Sunapee** in Newbury is the local area with seven slopes and nine trails. However, it is usually crowded. Facilities include three chair lifts, a T-bar and a rope tow.

**King Ridge** in New London is a good novice and intermediate slope at reasonable prices. Its two T-bars and rope tows are usually not crowded.

**Mount Cranmore** in North Conway is noted for its long trails. The facilities are highlighted by two skimobiles, two chair lifts and a poma. It is within the triangle area

of Mount Cranmore, Black Mountain and Wildcat.

**Gunstock** in Gilford is the closest big, uncrowded ski area to MIT. It has good slopes and trails, serviced by rope tows, chair lifts and T-bars.

**Wildcat** in Pinkham Notch is a full-sized ski area boasting a gondola and chair lifts, with spectacular views of Tuckerman's and Huntington Ravines on Mount Washington.

**Waterville Valley** is a very friendly ski area, large and well-tended, quite popular with MIT people and others.

For beginners and intermediates, there are many smaller, less crowded, often cheaper mountains, usually marked on gas station maps.

## Vermont

Vermont's ski areas are the largest in the eastern US, and include the most opulent. Whether the occasionally better skiing compensates for the crowds, expense, commercialization and travel time is an open question.

**Killington Basin** in Sherborne is easy to get to from MIT and is an excellent area. Its four mountains provide a variety of trails and slopes, though its hardest slopes are not as demanding as those at some other areas. Its beginners' slopes are particularly fine. Facilities include lifts, a ski week package featuring the GLM (Graduate Length Method) of learning to ski parallel, and extensive snowmaking facilities. (3 hours driving time.)

**Sugarbush Valley** in Warren and **Glen Ellen** and **Mad River Glen** in Waitsfield provide the ideal setting for a ski week. Each mountain is impressive in its own right, and all three are within twenty minutes of each other. The variety available will keep any skier interested. Despite their proximity, each has its own character. Sugarbush is known as a glamor area, but don't let the jet-setters lead you into considering it a bunny hill; it isn't. There is expert terrain off Castlerock, and plenty of intermediate and novice skiing serviced by a large and colorfully painted gondola. Glen Ellen is a friendly ski area, with good skiing continuing late into the spring off the upper lift. It offers a discount to MITOC members. Mad River Glen started as an almost exclusively expert area, but has developed slopes for beginners and intermediates. (3½ hours driving time.)

**Mount Mansfield** and **Spruce Peak**, better known by their location at Stowe, have the most challenging trails in Vermont, led by the world-famous "Nose-dive." The area has recently added a gondola and additional trails to service the two mountains. The ski school is excellent. The place is expensive, but what do you expect from the ski capital of the East? (4 hours driving time.)

**Madonna Mountain** in Jeffersonville was once known as the area in back of Stowe, but it has come into its own since then. It has essentially everything Stowe has, except the crowds and high prices. There are trails at the top connecting with Stowe. (4 hours driving time.)

**Jay Peak** at North Troy is on the Canadian border and has a good package deal, which



allows you to ski several nearby areas in Canada's Eastern Townships. The area features aerial trams, innocent-looking Quebecois girls, and fewer thaws (colder weather) than its southern neighbors. With its new, higher-altitude snowmaking facilities, it provides skiing late into the Spring. (4½ hours driving time.)

### Maine

**Sugarloaf Mountain** at Rangeley is a challenging area featuring a gondola that serves open snow fields. The crowds aren't there, the cost is low, and the ski school is excellent. Distance from Boston is similar to Stowe's (4 hours driving time).

### New York

Only two New York ski areas are listed here. There are in fact quite a few of them, with a great concentration around the northeastern part of the state.

**Gore Mountain** at North Creek is relatively new. However it has large crowds on weekends; you would do better to take the midweek package, which at \$25 for lifts and lessons over five days simply can't be beat. The area boasts a gondola and several upper mountain lifts that provide terrain for every skier. Nearby Lake George has some good night spots. (4 hours driving time.)

**Whiteface Mountain** in Wilmington has more vertical descent than Sun Valley, Idaho. It provides some of the facilities of Lake Placid close at hand. Rugged and scenic, Whiteface suffers from lack of natural snow but has the world's largest snowmaker to compensate. (5 hours driving time.)

### Quebec

Canada's eastern ski areas are not a whole lot farther from Boston than are New England areas; for extended stays they are often worth the trip. They have other advantages, namely lower costs, smaller crowds and (for some people) better atmosphere than American areas. Two are listed below, though there are many others. **Caution:** Canadian ski areas tend to get very cold; temperatures of 20° and a howling wind are not unusual. So if you are going anytime other than spring, when things warm up, dress accordingly. By the same token, Canadian areas stay open later in the season than do American areas.

**Mont Ste-Anne** at Beaufort is a popular place for an IAP trip because the timing coincides with nearby Quebec City's world-famous Winter Carnival, a huge week-long party. Also, prices are fairly inexpensive.

**Mont Tremblant**, 80 miles north of Montreal, is eastern Canada's biggest and most famous mountain. It has a myriad of trails covering the whole mountain and ranging from beginner to suicide. Costs are a bit higher than at Mont Ste-Anne, but still cheap by American standards. The ski school is superb.

### Cross Country Skiing

If crowded lift lines, exorbitant costs, and long drives to the mountains don't intrigue you, try cross-country skiing. If and when it snows in Boston you can ski as nearby as Briggs Field or a local golf course. There are even special places that offer maintained trails. Check with people in MITOC (W20-461,x3-2988) for more information.

# Appendix 1 — Lexicon

The following is a dictionary of MIT words, phrases, and acronyms. Terms commonly identified by either acronym or name are listed here by acronym. Alphabetically, acronyms are listed before words.

*In our Victorian dislike of calling a spade a bloody shovel, it is not necessary to go to the opposite extreme of calling it an agricultural implement.*

— Robert W. Seton-Watson

**AA** — (1) Aeronautical and Astronautical Engineering, Course XVI. (2) Athletic Association.

**AISEC** — Association International des Etudiants en Sciences Economiques et Commerciales; international exchange program of business and economics students.

**AI** — Artificial Intelligence.

**APO** — Alpha Phi Omega, national service fraternity (W20-415,x3-3788).

**ASA** — Association of Student Activities.

**AWS** — Association for Women Students.

**asbestos cork** — Awarded annually to the most deserving flamer. To be inserted in the appropriate orifice.

**BASIS** — Summer orientation for foreigners coming into the Boston area.

**BSO** — Boston Symphony Orchestra.

**BSU** — Black Students Union.

**Bomber** — Resident of Burton third.

**Brass Rat** — The MIT ring, which tradition tells us is the only college ring in the country without a stone. Tradition is apparently wrong in this case.

**bridge circuit** — A running course along the Charles River which includes the BU, Harvard, and/or Longfellow Bridges (not to be confused with a circuit bridge).



- Bruno** — A unit of volume resulting from a piano falling six stories onto Amherst Alley from the roof of Baker House.
- bug** — A mistake or defect that is difficult to locate.
- busted** — Arrested.
- by definition** — (1) Clearly, obviously. (2) Necessarily.
- CAP** — Committee on Academic Performance.
- CAES** — Center for Advanced Engineering Studies.
- CAVS** — Center for Advanced Visual Studies.
- CE** — (1) Chemical Engineering. (2) Civil Engineering.
- CEP** — Committee on Educational Policy.
- CIS** — Center for International Studies. Located in the Hermann Building, and a perennial target for radicals.
- COC** — Committee on Curricula. Also abbreviated "CC."
- CSC** — Chinese Students' Club.
- CTS** — Center for Transportation Studies.
- CTSS** — Compatible Time-Sharing System. One of the earliest time-sharing computer systems. *See Multics.*
- Camp Cambridge** — MIT.
- caveat emptor** — Let the buyer beware.
- cease** — Stop what you are doing *now*, e.g. "Cease, you ill random!"
- Centrex** — Central Exchange, MIT's main phone system.
- Chancellor** — The office presently held by Paul Gray. He assists the President of the Institute and works on major projects of his own.
- Cheney Room** — Margaret Cheney Room (3-310), for women students only.
- choke** — To snatch defeat from the jaws of victory.
- clearly** — Obviously. Often used sarcastically. Often used in general.
- Commonwealth (The)** — The State of Massachusetts.

**Compton Lecture Hall** — Room 26-100.

**Concourse** — An experimental freshman program. Prof. Louis Bucciarelli (x3-2272) has more information.

**Coop** — Co-operative store. Located on the first floor of the MIT Student Center, in Harvard Square, and other locations. See **Shopping** section.

**course** — (1) Department major. (2) Subject (e.g. 8.08). The Registrar's Office has declared (2) an invalid definition.

**crash** — (1) To sleep in a place where one has not paid rent, such as a friend's apartment. (2) To join a party without being invited. (3) To cease functioning, as in a computer system.

**cretin** — A fool.

**crock** — (1) Something that has been botched, e.g. "This is a crock." (2) Bucket, e.g. "This is a crock of shit."

**crunch** — (1) What happens at the end of the term. (2) Process mindlessly, as in number crunch.

**dl** — Dormline.

**D-Labs** — Draper Labs, formerly Instrumentation Labs. They work on inertial guidance, radar, etc. Now undergoing a **spin-off**.

**DSA** — Dean for Student Affairs (7-133,x3-6776).

**DSR** — Division of Sponsored Research. An administrative apparatus overseeing outside research grants and work at MIT. Now called OSP — Office of Sponsored Programs.

**DYA** — Domestic Year Away.

**Deke** — Delta Kappa Epsilon fraternity.

**diagnostic** — A test given to determine one's ability and knowledge in a certain course area, or something like that.

**donut** (doughnut) — Idiot, commonly used to describe MIT telephone operators.

**dope** — (1) Marijuana, rarely other drugs. (2) Trace impurity added to pure substance to alter properties.

**Dormcon** — Dormitory Council. The central dormitory governing and coordinating body.



## APPENDICES

**down** — (1) Feeling depressed. Said of a person. (2) Non-working, gronked. Said of a machine.

**drop** — De-register for a subject during the term.

**EE** — (1) Electrical Engineering, Course VI. (2) Environmental Engineering. (Caution: don't use outside of Civil Engineering, Course I, and *never* in the presence of an EE in Course VII)

**ERC** — Education Research Center.

**ESG** — Experimental Study Group. An alternative freshman program located at 24-612. Prof. Robert Halfman (x3-7786) has more information.

**ESP** — Education Studies Program. See **HSSP**.

**emeritus** — Retired from regular service with honor. See **professor**.

**FAC** — Freshman Advisory Council.

**Fenway House** — The former Sigma Alpha Mu fraternity.

**Fiji** — Phi Gamma Delta fraternity.

**Finboard** — Finance Board. The undergraduate body charged with proposing and administering the Undergraduate Association budget.

**flushed** — (1) Turned down or out. Disappointed in some endeavor, usually involved in selling oneself. Example: "I got flushed at the mixer." (2) Get a reddish hue on one's face from heat, exertion or embarrassment. Example: "I got flushed at the mixer." (3) Disposed of. When said of a person, this connotes dismissal or expulsion. Example: "I got flushed at the mixer."

**flame** — To speak obnoxiously and/or at great length.

**frappe** — In New England, a snack made up of milk, syrup and ice cream. It's called a "milkshake" in the English-speaking world.

**funny money** — Funds for computer time.

**G** — Graduate student.

**GA** — General Assembly. Undergraduate governing, coordinating and information-distributing agency. Consists of the sum of living group representatives. Formerly impotent, recently revived.

**GSC** — Graduate Student Council. The governing body for graduate students as a group (50-110,x3-2195).

**generate** — Create, come up with.

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**glitch** — Bug; cause of sporadic gronkedness.

**gnurd** — See **nurd**.

**grease** — The governing body of an organization.

**Great Sail** — Piece of metal sculpture just south of the Green Building. Site of the beginning of the annual spontaneous tuition riot.

**gritch** — *v.* To complain. *n.* Complaint. Not to be confused with glitch, which is the cause of a gritch.

**gronked** — Kaputt, non-functioning.

**grungy** — Grubby and dingy. What you feel like after studying 20 hours straight for a final in 85° heat.

**HSSP** — High School Studies Program. An educational program run by **ESP**, in which MIT students design and teach their own courses to high school students.

**hack** — *n.* A trick or prank. For example, welding a streetcar onto the tracks or getting elected UAP are fine hacks. *v.* (1) To goof off, talk randomly, just hang around. (2) To apply oneself, work hard, try earnestly. Example: a computer hacker. Also connotes fanaticism. (3) To harrass somebody, whether in fun or maliciously.

**hacker** — (1) One who hacks. (2) One who does a lot of some activity, e.g. pinball hacker. See **Jock**.

**Hahvahd** — The big red-brick school, both Up The Street and Up The River.

**Hahvahd Bridge** — The MassAv bridge from MIT to Boston.

**head** — (1) Bathroom. (2) Someone who smoke Mexican tobacco.

**HoJo** — Howard Wesley Johnson, present chairman of the MIT Corporation and former president of MIT. Reputed to be distantly related to the late ice cream and motel magnate.

**HoToGAMIT** — This book, pronounced "how to gam it."

**Hub** — Boston.

**humongous** — Big.

**Huntington Hall** — Room 10-250.

**IAP** — Independent Activities Period. The month of January at MIT.

**IFC** — Interfraternity Conference. The central coordinating and governing body of the fraternities. Counterpart to **Dormcon**.



**IHTFP** — I Hate This #&@%&@ Place.

**infinite** — More [noun] than you can [verb]. Examples: doughnuts-eat, problems-look at, cards-keep track of.

**infinitely** — Can be synonymous with exceedingly, really, quite. Example: "infinitely screwed up."

**Institute** — MIT.

**Institute Professor** — See professor.

**instructor** — (1) Man who stands in front of students and lets fall pearls of wisdom. (2) Academic rank in the lower echelons of the junior faculty.

**Interphase** — Summer pre-orientation program for educationally disadvantaged freshmen.

**Intrex** — Project group working on advanced methods of information storage and retrieval for computerized libraries of the future. The Barker Engineering Library is its laboratory.

**intuitively obvious** — (1) Too simpleminded to deserve explanation. (2) More often, too abstruse to explain, if indeed the speaker understands it at all.

**JYA** — Junior Year Abroad.

**jock** — (1) An athletic supporter. (2) An athletic supporter. (3) Someone who does a lot of some activity. Examples: an aero jock, a computer jock.

**Judcomm** — Judicial Committee, a generic term signifying a group of students charged with enforcing student laws. Usually attached to a living group.

**k** — One thousand (of anything).

**KK** — Kosher Kitchen.

**Keytones** — Small female vocal group.

**Killian Court** — Great Court.

**kiosk** — (1) One of the large cylindrical bulletin boards located in halls around the Institute. (2) A newspaper stand located in the street, such as the one at Harvard Square.

**kluge** — Also spelled "kludge." (1) A Rube Goldberg-style device which appears unlikely to work, but does anyhow. (2) Something complex that doesn't work. Example: this definition.

**LSC** — Lecture Series Committee. A student organization that puts on movies, lectures and other entertainment for the MIT community.

**L-Lab** — Lincoln Laboratory, a special laboratory located in Lexington. Its specialties include optics, radio physics, data systems, radar and re-entry systems.

**Laboratory for Computer Science** — Nee **Project MAC**. Interdepartmental facility devoted to research in the computer and information sciences (x3-6201).

**Lambchops** — Lambda Chi Alpha fraternity.

**lecturer** — (1) One who lectures. (2) Low, low academic rank.

**living group** — The place where you live.

**Logarhythms** — Small male vocal group.

**MBTA** — Massachusetts Bay Transportation Authority. Operates the Boston area mass transit, not too horribly. The term "MTA" is officially obsolete, but not really.

**ME** — Mechanical Engineering, Course II.

**MIC** — Military Industrial Complex.

**MIT Community** — Nearly 20,000 students, faculty, researchers, staff and employees at MIT. Sometimes used more expansively to include their families and alumni.

**MITEA** — MIT Ecology Action.

**MITERS** — MIT Electronic Research Society.

**MITOC** — MIT Outing Club.

**MITSFS** — MIT Science Fiction Society. Pronounced "mittsfiss," "mitt-siffs," or "misfits."

**MITSGS** — MIT Strategic Games Society.

**MITV** — MITelevision. Responsible for the weekly video-taped telecast of news on campus.

**MRS** — Model Rocket Society.

**mariah** — A long piece of laboratory rubber tubing filled with water; useful in water-fights. Also spelled "moriah."

**midnight requisition** — What happened to the PDP8 found in a fraternity.

**milkshake** — Snack made with milk and syrup, but *no* ice cream. If you want a "milkshake," order a frappe.

**Moat** — The wet thing wrapped around the Chapel. A good place to throw obnoxious people.



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**Multics** — Multiplexed Information and Computing System; a time-sharing computer system developed by Project MAC on the Honeywell 6180 computer. Reputed to be the world's slowest as well as largest time-sharing system.

**mumble** — A verbal expression to replace actual mumbling.

**mung** — *v.* To mangle, mutilate, mess up badly. *n.* Bean, usually sprouted, for salads.

**n** — A random number with various connotations. There are  $n$ 'ways to beat (or get screwed by) the system, as  $n \rightarrow \infty$ .

**NRSA** — Non-Resident Student Association.

**NSRA** — Non-Student Resident Association (NOT an MIT-recognized activity.)

**non-optimal** — (1) In need of improvement. (2) Horribly bad.

**nontrivial** — (1) Very difficult. (2) Impossible. See **trivial**.

**nurd** — Undesirable person. Frequently connotes contempt. General insult noun, not necessarily unfriendly. Also spelled nerd, gnurd.

**OR** — Operations Research

**petition** — *n.* A form used to request something unusual with regard to academics. Example: placing out of all of your upper-class requirements. *v.* To fill out a petition form, submit it to the proper authorities and satisfy other protocols associated with that kind of activity.

**Phi Mud** — Phi Mu Delta fraternity.

**placement** — The process of career counseling, graduate school counseling and helping a student get a job (summer, temporary, or permanent).

**Postdoc** — Postdoctoral fellow.

**Postgrad** — Graduate student.

**powertool** — *n.* An electrically operated tool. *v.* What one has to do to catch up on the entire term in any given course the night before the final exam in that course.

**professor** — (1) Person teaching a course. (2) Academic rank with three levels (assistant, associate, full) comprising the main body of the faculty. Most full professors have tenure. (3) Institute Professor: Academic post recognizing exceptional distinction. The Institute Professor can work as he wishes on research and teaching, without regard for formal boundaries or duties. (4) Professor Emeritus: Faculty member who has reached 65 (mandatory retirement age) but who is working (legally) at up to 50% of his former load.

**provost** — The senior academic officer, who assists the President of the Institute in addition to carrying on projects of his own. The current provost Walter Rosenblith.

**psych out** — (1) Understand (usually a person). (2) Understand a person well enough to stay one jump ahead of him. (3) Cause opponent to choke (q.v.).

**punt** — To determine after analytical deliberation not to do something, said something often being academic in nature.

**quantum mechanic** — Someone who repairs quanta.

**RA** — Research Assistant. Usually a graduate student employed by his department, receiving pay plus a tuition allowance for his research duties. Funded by outside grants.

**RLE** — Research Laboratory of Electronics. Interdisciplinary lab in Building 38.

**ROTC** — Reserve Officer Training Corps. Military officer training program operating within MIT and some other colleges. Often pronounced "rotsie."

**RUKU** — Obscestvo Lubitelye Ruskoye Slavyanskoy Kulturi Pri MIT.

**random** — (1) Any. (2) Indeterminate, sometimes connoting number. (3) Without order, garbled. (4) Average person. (5) *obsolete*. Student from Random Hall. Without a doubt a favorite word at MIT.

**rip-off** — (1) A theft. (2) Something so outrageously expensive as to be almost a theft. Example Tickets to Bruins' hockey games are a real rip-off.

**SAA** — Student Art Association.

**SACC** — Social Action Coordinating Committee.

**SCC** — Student Center Committee.

**SCEP** — Student Committee on Educational Policy.

**SEG** — (CENSORED — smile and ask an upperclassman.)

**SGS** — Strategic Games Society.

**SHL** — Student Homophile League.

**SIPB** — Student Information Processing Board. Pronounced "sip-bee."

**Sala** — Sala de Puerto Rico. Large all-purpose room in the Student Center donated by Puerto Rico

**screw** — (1) Bad thing, such as the Institute Screw or "screwed to the wall." (2) Three-foot long, left-handed metal screw awarded annually by APO to a deserving member of the faculty or staff.



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**scrod** — *n.* A baby codfish. *v.* Past tense of screw. "I got scrod by the Dining Service."

**secretary** — One who is paid starvation wages to run everything.

**Shrink** — Psychiatrist.

**Smoot** — Unit of measurement of the Harvard Bridge.

**snow** — *v.* (1) To impress someone, such as a date. (2) Favorably confuse with a profusion of detail. *n.* Brown, cold particles that cover sidewalks and gutters through Boston winters. Reputed to contain water.

**Springfield Oval** — The coarse humor that passes for Institute toilet paper. 00 grit sandpaper on a roll.

**Stud Center** — Student Center.

**Stud House** — Student House. Cooperative MIT living group.

**subject** — One or two professors, N students, a room, a formal curriculum, a formal subject number and a formal grade, except when it isn't.

**TA** — Teaching Assistant. Usually a grad student employed by his department, receiving pay plus a tuition allowance for teaching duties. Funded by the Institute.

**TCA** — Technology Community Association. Has an office on the fourth floor of the Student Center. Operates various MIT community-related projects such as the Red Cross Blood Drives, ticket service, used-book exchange, duplicating facilities and silk-screening facilities. Also sponsors *HoToGAMIT*. (W20-450,x3-4885).

**TDM** — Too Damned Much. Refers to tuition.

**TFM** — See **TDM**.

**TIP** — Technical Information Project

**TMRC** — Tech Model Railroad Club. Pronounced "tumruk."

**TSD** — Transportation Systems Division.

**TWO** — Technology Wives Organization. Service and social organization for wives of MIT students. Formerly Tech Dames.

**Tech** — *archaic*. MIT. Now called **The Institute**.

**Tech Square** — (1) Member of the MIT Square Dancing Club. (2) Group of buildings located northwest of MIT.

**Tektite** — Someone who enjoys jumping out of a plane, especially with a parachute. Member of the MIT skydiving club.

**tool** — *v.* To study. *n.* (1) One who studies to an extreme. Connotes over-concentration on problem sets. Supertool: an extreme extreme. (2) MIT student. Slightly derogatory.

**tonic** — Soda, New England-style.

**Transparent Horizons** — Controversial sculpture on East Campus, thought by many to be a fugitive from a scrapheap.

**trash** — To destroy or vandalize, especially during a riot.

**trivial** — (1) Obvious. Often said sarcastically. (2) Easy to do.

**Tuition Riot** — Traditional "spontaneous" demonstration held to celebrate a tuition increase.

**turkey** — (1) A chestnut-stuffed, giblet-jammed tom gobbler. (2) One lacking common sense.

**'Tute** — MIT.

**U** — Undergraduate.

**UA** — Undergraduate Association. Organization of all MIT undergraduates. Said to be still in existence.

**UA Election** — Spring demonstration of student apathy.

**UAP** — Undergraduate Association President. Presides over Undergraduate Assembly plus other random duties.

**UCS** — Union of Concerned Scientists.

**UMOC** — Ugliest Man On Campus, beauty contest run by APO. 1¢ per vote, all going to charity. Vote early! Vote often! Vote for your roommate!

**USL** — Urban Systems Laboratory (E40) at Amherst and Wadsworth Streets.

**urchin** — Term, among others, for anyone (especially a high school kid) who hangs around and makes a pest of himself, frequently causing objects of value to sprout legs and walk away.

**WC** — (1) water closet. (2) New House (dormitory).

**WILG** — Women's Independent Living Group.

**WTBS** — MIT radio station (88.1 FM), pronounceable as "wittibus." A wide variety of music and news coverage, mostly oriented toward MIT.

**whoosh** — *v.* To do something in an incompetent manner. *n.* (1) The act of doing something incompetently. (3) The person who is whooshing.

**Women's League** — Service and social organization for all MIT Women. Formerly Tech Matrons.



# Appendix 2 —

## Random

In this section are collected the small items which don't seem to fit in any other category. Subjects are arranged alphabetically, so if you call something the same thing we do, you'll be fine.

### Address Change

If you change your **home address**, notify the Registrar's Office (E19-335). Fill out a new address card at the Information Office (7-111,x3-7484).

When you change your **term address**, don't forget to notify the Information Office. It is also useful to tell the Operator (dial 0)

*Follow your own bent, no matter what people say.*

— Karl Marx

### Blood Drives

There are 5 Blood Drives at MIT each year: two 8-day drives, two 2-day drives, and a 1-day drive. This year's dates are Sept 7-8, Oct 27-29 and Nov 1-5, Jan 6-7, March 2-4 and 7-11, and a day in mid-July to be announced. All drives are run by TCA (W20-450) for the benefit of the Red Cross and the MIT community. All but the September drive are held in the Sala de Puerto Rico in the Student Center. The September and summer drives are run on a walk-in basis only. Appointments may be made for the other drives, and scheduling forms are available at TCA four weeks before each drive. Generally, the hours are 9:45am-3:30pm, but during the 8-day drives there are some evening hours.

Through these drives the MIT community gives proportionally more blood than any other group or institution anywhere in New England. As a result, all members of the community are covered by the Red Cross for any amount of blood (see **Help**). The big drives in the fall and spring are massive organizational efforts that require the help of many, and TCA always welcomes new volunteers. For further information call x3-7911 or x3-4885.

### Buildings, Problems with

Physical Plant is responsible for all MIT buildings. If there is a problem, such as lack of light, heat, or water, call the Physical Plant Control Center (x3-4948=xF-IXIT) 24 hours a day.

### Credit Union

The Credit Union is a federal corporation, not a part of the Institute. All permanent

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employees on the MIT payroll are eligible to become members by buying one share in the Union (\$5 as of summer 1976). The Union is similar to a small savings and loan bank. The amount of money one can borrow on one's signature is determined by length of employment. The Credit Union Office (E19-601,x3-2844) has more detailed information and an explanatory handout.

*Buddy, can you spare a dime?*

## Employee Educational Benefits

**Children** of faculty and staff are eligible for full **scholarships** at MIT and scholarships of up to 50% of MIT tuition at accredited colleges. **Loans** are also available for children's college expenses. The Treasurers Office (4-110,x3-2822) has details.

**Regular Employees** are eligible for **partial or total reimbursement** for educational costs connected with their careers at MIT. Contact Ellen Oglesby (E18-320,x3-4276) for details.

## Experiments on Humans

If you are participating as a subject in an experiment, whether it's run by an MIT person or anyone else, you can contact the Committee on the Use of Humans as Experimental Subjects to check whether it poses a hazard to either your physical or mental well-being. Any experiment conducted at MIT that might put the subject at risk, either physically or psychologically, or otherwise, must be cleared with the Committee. Check with Dr. Point of the Medical Department (x3-7802) for details.

## Family

The Institute maintains an Office of Social Work Services as an adjunct to the Medical Department, for consultation and referral on family matters. This office (x3-4911) maintains a good list of available family services.

## ID Cards

**Students** can pick up their ID cards in 10-180 about one month after their photos are taken. In the meantime, use the temporary ID supplied on Registration Day. If you lose your card, the Cashier's Office (10-180) will issue a new one for \$5. Lost cards should be reported immediately to the Student Accounts Office and your bank, as they can be used to cash checks (the picture can be changed quite easily). International Student Identity Cards can be obtained at the Foreign Study Office (7-108) and offer numerous discounts abroad on theatres, museums, lodgings, and intra-European airfares.

Department headquarters have ID cards for **employees**. They must be shown at the Medical Department, MIT libraries, and athletic facilities.

## Lost and Found

Check the Student Center Office (W20-345,x3-3913) for items lost in the Center, Kresge, or the Chapel. Around dormitories, check the main desk. In any case, after two weeks everything is supposed to be sent to the master lost and found (W31,x3-2996). They hold valuables for at least four months, and other things (e.g. gloves, hats, shoes) for two months. Sets of keys are handled in the same manner as other things.



### *ALW's Laws of Search:*

1. *The best place to hide something is in plain sight.*
2. *When you finally find something, it will be in the last place you look. (Think about it.)*

## Marriage

1. Congratulations!

2. You can have the ceremony performed in the MIT Chapel, if you wish. Call Dean Holden's office at x3-6774.

3. Financial Aid usually will *not* increase any grants you are getting, nor will it give you one if you are not already receiving MIT support. Under normal circumstances, your husband/wife is expected to work to earn the equivalent of his/her support. But by all means go to the Financial Aid Office and talk with the people there; maybe you are a special case. Some fellowships have increased stipends if you acquire dependents.

4. The Deans, social services staff and religious counselors are available to talk things over with you and can be very helpful on aspects of student-married life.

*By all means marry: if you get a good wife, you'll become happy; if you get a bad one, you'll become a philosopher.*

— Socrates

## Missing Persons

If you're missing we can't help you. If you can't find someone else or suspect something of the sort may be wrong, call the DSA Office (x3-4861) or Campus Patrol (x3-2996), and the Senior Faculty Resident of your dorm, if you live in one. Get all the relevant information on when the missing person was last seen. Don't call the person's home unless it's absolutely necessary. The Dean's Office will handle it.

## Notaries Public

You can have documents notarized (legally certified) by Mr. Giguere (E19-225) or Mr. Carey (10-180). Other people may occasionally serve as notaries; check with the Information Office (7-111, x3-4795) for a current list.

## Postdoctoral Fellows

Depending on what aspect of MIT (s)he is dealing with, a postdoctoral fellow will be classified as student, faculty or staff. Normally this situation works to your advantage, but if you don't like it, a complaint can be made.

The availability of Student Health Insurance is useful, as is student status (non-candidate for a degree) for federal income tax returns. You can also claim student status in order to maintain out-of-town registration for a car (assuming the insurance company involved agrees). You must file with the local police for a student automobile tag (described elsewhere in this book, or ask Campus Patrol).

Faculty status is helpful in applying for an MIT library card. Relegation to the staff category occurs with regard to parking lot assignments, obtaining a Coop card, and purchasing an athletic card (\$35).

There is no official identification card connecting a postdoctoral fellow with the Institute. A letter of appointment from the President's Office, which should arrive a few weeks after you fill out forms with your department, is the most useful means of identification. If you need a temporary ID, the Registry of Guests (7-121,x3-2851) may give you one. Afterwards, your MIT library card should suffice.

## Prejudice

If you feel mistreated in any way for reasons of racial, ethnic, or sexual bias, speak to the Deans (4-104,x3-4861). MIT has an Equal Opportunity Committee (current chairman Albert Hill 3-305,x3-1648). If you feel you have been the victim of discrimination with respect to job or other opportunities, you can take your complaint to this committee.

MIT has an Affirmative Action Plan presenting the Institute's objectives and procedures for ensuring equal opportunity for minorities and women in employment (both academic and otherwise), student body, and in letting contracts. Copies of this plan are on file in the Information Center (7-111,x34795), in the various Personnel Offices, in the Office of the Special Assistant for Minority Affairs (Clarence Williams 10-211,x3-5446), in the Office of the Special Assistant for Women and Work (Mary Rowe 10-215,x3-5921) and in the Office of the President and Chancellor (3-208).

Massachusetts also maintains an agency to deal with cases of suspected discrimination. It is called the Massachusetts Commission Against Discrimination (120TremontStBoston,727-3990)

*Prejudice is the child of ignorance.*

— William Hazlitt

## Recycling

There is a paper recycling pickup in the corridor between Buildings 4 and 12. Recyclable paper should be neatly stacked and bundled. Paper is picked up daily by Physical Plant.

*Due to an influx of various types of effluent, the Charles River seems to have no bottom; the water becomes thicker at increasing depths. However, the water is getting cleaner and many large carp actually live there now.*

## School Cancellations

The decision to call off classes (due to snow or any other reason) is usually made around 6am and released to WHDH radio (850AM,94.5FM). Don't call the MIT switchboard because it will be swamped. Instead call 253-SNOW for a recorded message.

## Special Events

For information on planning concerts, dances, mixers and the like, contact the Undergraduate Association Office (W20-401,x3-2696) or the Dean for the Student Center, (W20-344,x3-7974).



## Summer

Some people prefer not to go home for the months of June, July and August. For such people, the situation is far from hopeless. Most dormitories stay open, although they will probably consolidate summer residents to fill one floor or one entry. The rest of the space will be filled at times with alumni here for Alumni Weekend, with conventioners or other visitors. The rent is comparable with the regular rent; all this is explained in a handout which is sent to the dormitories in the spring. Fraternities offer a better deal. Rather than have rooms standing empty, they will take in people for the summer at rents as low as \$100. Apartments are sublet at reasonable rates too.

The job situation varies from year to year. A good idea is to get involved with a research project, which is fair money and good experience. See your favorite professors. Some term-time jobs can be continued over the summer — libraries, Walker or Lobdell dining service, the Coop, various lab and computer jobs.

Outside of MIT, the rules are the same as applying for a job anywhere. It pays to apply early. It pays double to know people. The Financial Aid Office files of job opportunities are most complete in this area. The Student Employment Office (5-122, across from FinAid) is also quite useful in the search for a summer job as well as for a term-time one. The best time to start checking these places is in the early spring.

By and large, the Institute's rhythm changes very little when the students leave. It makes you wonder what they were ever there for. . .

# Appendix 3 — MIT Telephone System

## Telephones

There are three phone systems at MIT. They are more or less independent, but can be interconnected as described later.

1. **Outside Lines** (regular telephones) may be rented from the **New England Telephone Company (NET)**. Rates charged depend on what kind of service (message-unit, suburban, WATS, etc.) you use. Check with the phone company and estimate your calling pattern before ordering. A common practice in dormitories and apartments is for several students to share the cost of a phone with unlimited metropolitan service. Additional monthly charges are made for touch-tone and trimline phones.

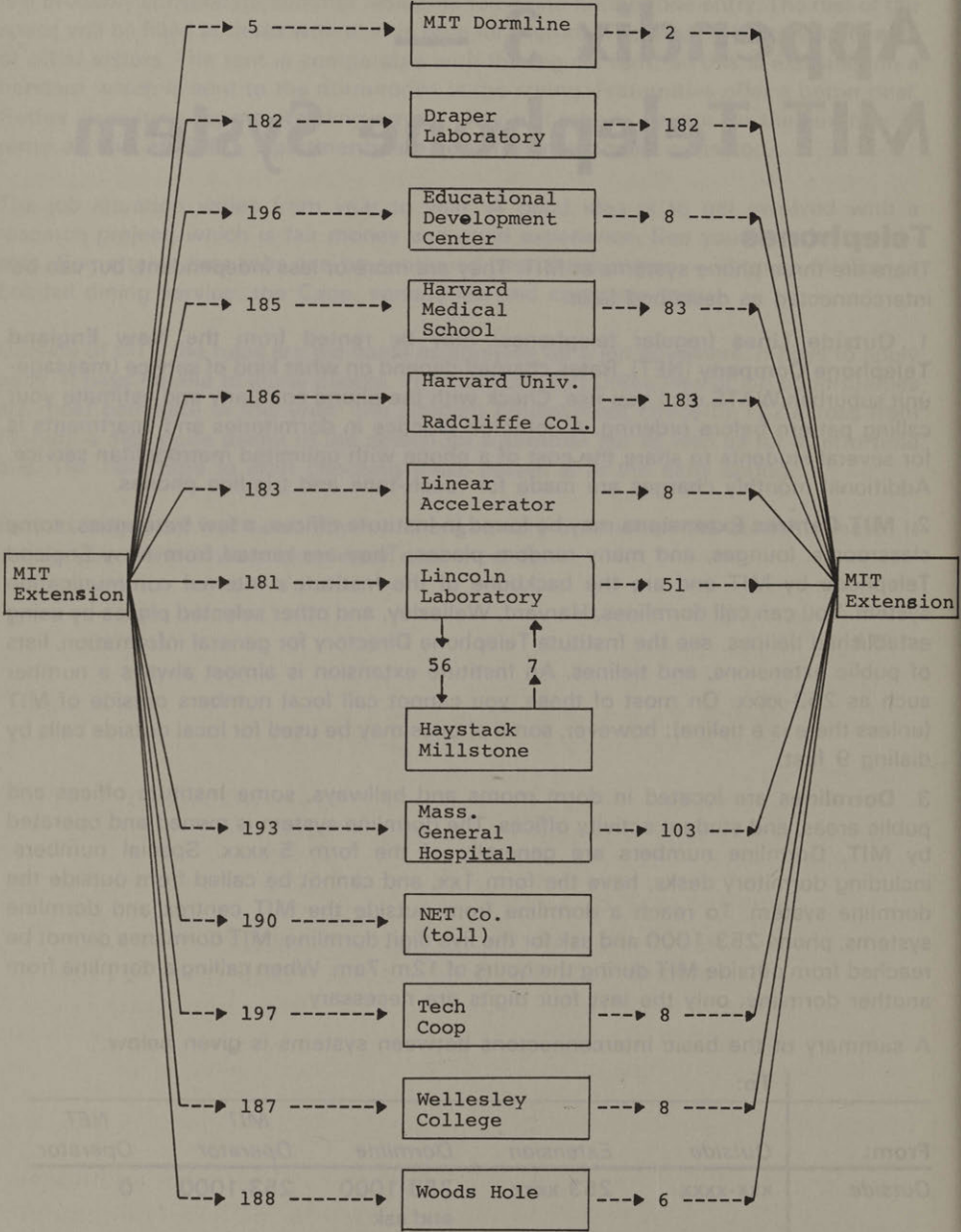
2. **MIT Centrex Extensions** may be found in Institute offices, a few fraternities, some classrooms, lounges, and many random places. They are rented from New England Telephone by MIT and are the backbone of the Institute's internal communication system. You can call dormlines, Harvard, Wellesley, and other selected places by using established tielines; see the Institute Telephone Directory for general information, lists of public extensions, and tielines. An Institute extension is almost always a number such as 253-xxxx. On most of these, you cannot call local numbers outside of MIT (unless there is a tieline); however, some phones may be used for local outside calls by dialing 9 first.

3. **Dormlines** are located in dorm rooms and hallways, some Institute offices and public areas, and student activity offices. The dormline system is owned and operated by MIT. Dormline numbers are generally of the form 5-xxxx. Special numbers, including dormitory desks, have the form 1xx, and cannot be called from outside the dormline system. To reach a dormline from outside the MIT centrex and dormline systems, phone 253-1000 and ask for the five digit dormline. MIT dormlines cannot be reached from outside MIT during the hours of 12m-7am. When calling a dormline from another dormline, only the last four digits are necessary.

A summary of the basic interconnectons between systems is given below:

From:	To:				
	<i>Outside</i>	<i>Extension</i>	<i>Dormline</i>	<i>MIT Operator</i>	<i>NET Operator</i>
<i>Outside</i>	xxx-xxxx	253-xxxx	253-1000 and ask operator	253-1000	0
<i>Extension</i>	9-xxx-xxxx	3-xxxx	5-xxxx	0	190
<i>Dormline</i>		2-3-xxxx	xxxx	0	2-190





**Example:** To call the Tech Coop from an MIT dormline, dial 2-197-phone wanted.

"Outside" calls include long-distance calls in both directions. The toll operator (x190) will handle collect, credit card, authorized third party, and toll-free (information or area code 800) calls. Some extensions will be able to originate local calls, and a few, tightly-controlled "unlimited" extensions will allow direct-dialed long-distance calls. (Whether done automatically or through an operator, all outside calls will be billed directly to the originating phone). Otherwise, a caller will have to find one of the many pay phones scattered about the Institute.

### Information

The New England Telephone information number is 411 on an outside line. For information about MIT extensions and dormlines, dial "0" or ask the MIT operator at 253-1000. They have a list of extensions by room number. Dormline numbers for individuals can be gotten by calling the main desk of the dormitory where the person lives.

*The number you have dialed is imaginary. Please multiply by i and dial again.*

### Repairs

The repairs number for outside lines is 611; for MIT extensions it is x3-3654. Dormline problems should be reported at dl181.

## MIT-Red Cross

# Blood Drives

All MIT drives are held in the MIT Student Center, Building W20, 84 Massachusetts Avenue, Cambridge, MA

**September 7-8, 1976**

**October 27-29 and**

**November 1-5, 1976**

**January 6-7, 1977**

**March 2-4 and 7-11, 1977**

**Mid-July 1977**

**(date to be announced)**

**Call TCA at x3-4885 or 3-7911 for information about MIT Blood Drives.**

If you can't make an MIT Blood Drive, or wish to make additional donations, go to the Red Cross Blood Center at 812 Huntington Avenue in Boston. You can call first for an appointment at 731-2130 (but it isn't necessary). Hours are Mon-Fri 9am-Midnite, Sat-Sun 1pm-4pm.





# Appendix 4 — Local Colleges

## Colleges Around Boston

There are more than a quarter million students in the Boston area, 100,000 male and 150,000 female. The following list provides terse coverage of local schools. Wellesley has a special relationship with MIT, and is discussed in greater detail at the end of this section.

**Boston College** — (10,000 total, 1700 undergraduate women) Located at Chestnut Hill near Newton, Boston College is a large nominally Catholic university and 24% of the undergraduates live on campus. (969-0100).

**Boston State College** — (1900 male, 2400 female undergraduates) A state teachers' college with no residence facilities. (625HuntingtonAvBoston,731-3300).

**Boston University** — (11,000 men, 12,000 women) Boston University's campus extends along the Back Bay, across the Charles River from MIT. It offers courses, both graduate and undergraduate, in all fields, and draws students from across the nation and around the world. It is a private institution with Methodist ancestry. 50% of the students live on campus, and most of the rest are scattered through Boston, Brookline and Cambridge (353-2000).

**Brandeis University** — (3000 total, 1000 undergraduate men, 1000 undergraduate women) Brandeis is located in Waltham and offers both graduate and undergraduate liberal arts courses. 75% of the students live on campus and most of the rest live either in Waltham or Cambridge (894-6000). It is found at the end of the number 70 Bus line from Central Square.

**Emerson College** — (1600 total, 700 undergraduate men, 800 undergraduate women) Emerson College is located on Beacon Street between Arlington and Clarendon Streets. It is a specialized, private school concentrating in communication (speech, drama, mass communication, education). Freshmen and sophomores (45% of the student body) live on campus (262-2010).

**Emmanuel College** — (1500 undergraduate women) Emmanuel is a Catholic liberal arts college. 60% of the students live on campus (400theFenwayBoston,277-9340).

**Harvard University** — (16,000 total; 4600 undergraduate men, 1500 undergraduate women) Probably the most renowned university in Harvard Square, Harvard offers graduate and undergraduate education in virtually every field. The student body comes



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from all over the world. **Radcliffe College** is the women's division of Harvard, sharing all classes, dorms, and activities. Harvard is located 2 miles up Mass Av from MIT, and most students live on or near the campus. (MassAvCambridge,495-1000). (Or use the tieline, dial 186-5-xxxx from an extension or 2-186-5-xxxx from a dormline. The information number is 186-5-5000.)

**Jackson College** — See Tufts University.

**Lesley College** — (600 undergraduate, 100 graduate women) Lesley is a private teachers' college located right behind Harvard Law School. Eighty per cent of the women live on campus. (29EverettStCambridge,868-9600)

**Massachusetts Institute of Technology** — (7800 total; 3800 male, 500 female undergraduates; 3000 male, 300 female graduates) A small technical school, located in Cambridge along the banks of the Charles River. Graduate and undergraduate education polarized around science and technology. Said to have the largest percentage of foreign students (18%) in the country. (77MassAvCambridge,253-1000).

**Northeastern University** — (40,000 total) The largest coeducational private university in the country. Northeastern offers the usual range of courses. More than half of the students commute each day. (360HuntingtonAvBoston,437-2000).

**Simmons College** — (70 graduate men; 3210 women, of whom 1500 are undergraduates) Simmons is a compromise between a liberal arts and professional school, and specializes in the sciences. Eighty per cent of the undergraduates live on campus. The school is convenient to Kenmore Square and the Gardner and Fine Arts museums. **Caution:** Over the past 15 years the *majority* of Simmons graduates have married MIT men. (300theFenwayBoston,738-2000).

**Tufts University** — (5000 total; 2200 undergraduate men, 1100 undergraduate women) Tufts University is located on Walnut Hill in Medford and maintains medical and dental schools on Harrison Av in Boston. It is a private institution offering the usual range of curricula. Ninety-two percent of the undergraduates live on campus. **Jackson College**, the women's coordinate of Tufts, has the same relationship with Tufts as does Radcliffe with Harvard, including coed housing. (628-5000).

**University of Massachusetts, Boston Campus** — (2000 undergraduate men, 1100 undergraduate women) This state college offers a liberal arts undergraduate program. No residential facilities. (ColumbiaPtBoston,288-0924).

*Sure, you can watch the soccer team or the cross-country team or the water polo team or the sailing teams, but that's not what the teams are there for. The teams are there for the student to play on, not watch.*

— The Boston Globe

**Wellesley College** — See section on **Wellesley**, below

The following schools, listed with their information numbers, are also nearby and may be of interest:

Babson College, Wellesley (235-1200).  
 Bentley College, Waltham (891-2000)  
 Berklee College of Music, Boston (266-3532)  
 Boston Architectural Center, Boston (536-3170)  
 Boston Conservatory of Music, Boston (536-6340)  
 Burdett School, Boston (267-7435)  
 Chamberlayne Junior College, Boston (536-4500)  
 Chandler School, Boston (262-2710)  
 Curry College, Milton (333-0500)  
 Deaconness School of Nursing, Boston (734-7000)  
 Fisher Junior College, Boston (262-3240)  
 Garland Junior College, Boston (266-7585)  
 Grahm Junior College, Boston (536-2050)  
 Katherine Gibbs School, Boston (262-2250)  
 Lasell Junior College for Women, Newton (243-2000)  
 Mt. Ida Junior College for Women, Newton (969-7000)  
 New England Conservatory of Music, Boston (262-1120)  
 Pine Manor Junior College, Chestnut Hill (731-7000)  
 Regis College, Weston (893-1820)  
 Suffolk University, Boston (723-4700)  
 Wentworth Institute, Roxbury (442-9010)  
 Wheelock College, Boston (734-5200)

## Wellesley

The Wellesley campus is fifteen miles away from MIT, and after doing time by the Charles, it's quite a change to see grass, trees, hills, a lake and the silence that comes from having much space between you and the nearest car (the silence is *not* seen).

There are other attractions as well.

Wellesley has an official tie with MIT in the MIT-Wellesley cross-registration program. There are other opportunities for getting involved in Wellesley activities, but you have to be enterprising; they aren't well-publicized.

Over IAP there is an MIT-Wellesley residence exchange, with MIT people going to live at Wellesley for a term and Wellesley people coming here. Check the exchange office for information.

## Getting There

Though located 15 miles out of town, Wellesley is not hard to reach. A free bus service is part of the cross-registration program, running approximately hourly on weekdays only. The bus schedule is available in the cross-registration office (7-108,x3-1668). It is supplemented on weekends by the Wellesley student government bus, which costs 75¢ a ride. A schedule and tickets can be obtained at the Schneider Center at Wel-



Wellesley College Campus



lesley and at the 24 Hour Coffee House in the MIT Student Center. If you have to resort to public transportation, the usual way is to take the MBTA Green Line to Woodland, then hitch.

### **Lake Waban**

In late spring there is swimming in the lake under supervision of a lifeguard (at the little beach near the boathouse). No swimming is allowed when the lifeguard is not on duty. Talk to Dave Martin (MITx187-548) at the Wellesley boathouse about using sailing, rowing and canoeing facilities. A Wellesley Small Craft Permit, MIT sailing card, or its equivalent is a prerequisite.

### **Green Growing Things**

The Hunnewell Arboretum is a natural bowl in the northeast corner of the campus, graced by flowering trees and shrubs. At the bottom of the hollow is a small pond.

The nearby Alexandra Botanical Garden consists of a bunch of grass with a stream running through it, some labeled trees and shrubs, lots of flowers and Paramecium Pond.

The greenhouses which connect to Sage Hall are divided into rooms in which different climates are simulated. Plants accustomed to each climate may be found therein, ranging from tomatoes to coconut palms (plus some man-eating orchids). For info about accessibility call the Biological Science Office (x187-463).

### **Whitin Observatory**

The observatory is equipped with 6", 12", and 24" telescopes, as well as an astronomy library. People should check with the observatory (x187-324) for the use of the facilities.

### **Jewett Arts Center**

Jewett houses the Art and Music departments. Within the Art Building are studios, study rooms and the art library. The second floor holds a sculpture court. The Music Building contains practice and listening rooms, the music library and the auditorium. Connecting the two halves of Jewett is the Wellesley College Museum. Admission is free and the exhibits are changed every few months. For information, call the Art Office (x187-307).

### **Music**

For those interested in vocal music, there are several possible opportunities for MIT women. The Wellesley College Choir and the more selective Madrigal Group are potentially open to women who want to take some initiative in opening up channels. There are at least two other singing groups at Wellesley, namely the Tupelos and the Wellesley Widows; both groups sing various kinds of music and give a variety of performances. The Music Office (x187-401) is the place to call for information. They can tell you who to get in touch with if you are interested in trying out for any of the groups mentioned above.

Black women who are interested in singing might investigate Wellesley's Ethos Choir. Contact the Black Students' Association in Harambee House (x187-709).



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If you are interested in chamber music, call x187-401 for information about Wellesley's Chamber Music Society.

### Theater

For information about the Wellesley College Theater, call Mr. Barstow at x187-461.

### Radio

WBS (640AM) is Wellesley's radio station. It is located on the second floor of Alumnae Hall (x187-303). Those interested in broadcasting or working there should call the station for details.

### EI Table

Wellesley's Campus Exchange, better known as the EI Table is a place to go for a quick snack. It is also where most Wellesley activities are advertised, including rides to and from. Find it in the basement of Green Hall.

### Schneider

One of the oldest and ugliest buildings on Wellesley's campus, the former Billings Hall, has been completely renovated and now houses the Schneider College Center. It is the terminal for the Wellesley-MIT Exchange buses and contains study areas, an MIT lounge, meeting rooms, the Bus Office and "Committee X" (a small coffee house). It also holds the Well (a snack bar) and various student organizations. Near Schneider is Harambee House, a social and cultural center for Black students. For information about the Harambee House, call Miss Tyler x187-709).

### General Information

For information about most anything at Wellesley, including students' telephone numbers and information on student sponsored activities and events, call the Schneider information desk (x187-704), which is staffed by students. You can also call the Information Bureau (second floor of Green Hall, x187-241), open Mon-Fri 9-4:30.

# Appendix 5 — MIT History

*History is simply a piece of paper covered with print; the main thing is still to make history, not to write it.*

— Otto Von Bismarck-Schoenhausen

The short history of MIT printed here is a composite of articles that appeared in *The Family Guide to MIT* (which this book supersedes) and *You and MIT* (given out to new and prospective employees). A listing of several books on MIT history is also printed below. For more information, visit MIT Historical Collections (N52) Tours are by appointment only. Talk to Prof. Warren Seamans (N52-260,x3-4444).

The Massachusetts Institute of Technology began as a dream in the mind of its founder and first President, William Barton Rogers. A graduate of William and Mary College, Dr. Rogers shared with his three brothers an absorbing interest in scientific subjects, particularly in the young science of geology. At Williamsburg, where he succeeded his father in the chair of Natural Philosophy and Chemistry, and later at the University of Virginia, Dr. Rogers was also stirred by the fresh ideas on education being generated by scientific and industrial progress. After several trips to Boston, he and his brother Henry became convinced that here, in an atmosphere of great intellectual and industrial activity, was the ideal location for a new kind of educational institution. As a result Dr. Rogers moved to Boston, and on April 10, 1861, in spite of early setbacks to the realization of his plan, the Act to Incorporate the Massachusetts Institute of Technology was signed by the Governor of the Commonwealth. Four years later, in 1865, the new institution opened its doors to admit the first class of 15 students.

Boston Tech, as it was known then, represented a radical departure from the educational pattern of its day, for Dr. Rogers' plan was in part a protest against the rigidities of the prevailing classical curriculum. He maintained that there is dignity and importance in the mastery of useful knowledge — that science and engineering are the legitimate foundations of a higher education relevant to the times and to the nation's needs. As a product of the industrial revolution of the nineteenth century, the Institute's initial role was simple and clear: it undertook to furnish the engineering leadership to help transform the country from an agricultural to an industrial economy.

During the latter part of the nineteenth century, under the guidance of several remarkable men, MIT forged ahead in size and prestige. President John D. Runkle [1870-78] is credited with preserving MIT's independence from Harvard, when the Institute's fortunes were at a low ebb. General Francis Amasa Walker [1881-97] strengthened the faculty by bringing acknowledged leaders in the technical profes-



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sions. By 1900, when the student body numbered 1277, the Institute had outgrown its buildings and location in Copley Square, and in 1912 land was acquired in Cambridge. Under the leadership of President Richard C. MacLaurin and with the generous financial help of a group of industrialists and of the alumni, the central buildings of the present academic group rose on newly-made land. In June 1916, with great celebration and ceremony, MIT moved across the Charles River to begin its second half-century.

During its first 60 years, MIT's curriculum was based almost exclusively on architecture and engineering. In 1930 President Karl T. Compton undertook to strengthen the position of science at MIT and to encourage the growth of the graduate school. During the next decade there was a steady increase in both graduate work and research. World War II brought a rapid expansion of research programs and the establishment of the Radiation Laboratory, a major center for the American development of radar. In the national interest the Institute assumed management of major research enterprises such as the Instrumentation Laboratory during the war. These programs fostered a close working cooperation between the Government and the Institute, showing the way for the development of such facilities as the Research Laboratory of Electronics and the Laboratory for Nuclear Science.

When the war ended, MIT continued to hold a central position in education and research pertinent to the fastest-growing areas of the American economy. To its traditional curricula in architecture, engineering and science, the Institute has since added programs in management, economics, political science, psychology, industrial relations and linguistics. Its four-year humanities program for engineering undergraduates is unusual in engineering education, and its four-year double major in the humanities and science or engineering is unique among American universities. MIT's research programs in the social sciences include the Center for International Studies, and there is close cooperation with Harvard University in the operation of the Joint Center for Urban Studies.

Shortly after World War II student enrollment at MIT reached 5000 and since then has continued to increase. Today the MIT campus covers more than 128 acres extending for more than a mile along the Charles River. It is a community of more than 16,000 people, including more than 7500 students, 1000 faculty members and full-time teaching staff, 2000 members of the professional research and administrative staff and 5000 supervisory, clerical, technical and service employees.

The Institute's departments operate more than 70 laboratories on the campus, among them a growing number of interdepartmental laboratories where students and staff from different fields work on problems of mutual interest. The Lincoln Laboratory in Lexington is operated for the Government as a center for defense-related research in electronics and communications. The C. Stark Draper Laboratory in Cambridge is devoted to the development of flight control and navigation equipment; the nearby Bitter National Magnet Laboratory provides the world's strongest continuous magnetic fields for research on magnetism and basic properties of materials.

MIT was among the first universities to establish programs of study in applied physics, meteorology, food technology, naval architecture and marine engineering, and electrical, aeronautical and sanitary engineering. The Institute was a leader in develop-

ing the modern profession of chemical engineering, and the nation's first degree in architecture was given here.

### Books on the History of MIT

*M.I.T. in Perspective*, by Francis E. Wylie. Little, Brown & Co., Boston, 1975. A glossy coffee-table account of the accomplishments of MIT and its progeny; not comprehensive, but interesting, with lots of pretty pictures.

*The Life and Letters of William Barton Rogers* is a book in two volumes edited by his wife with the assistance of William T. Sedgwick. Houghton-Mifflin Company, Boston and New York, 1896. The definitive biography of MIT's founder.

*Richard Cockburn MacLaurin*, by Henry Greenleaf Pearson, is a biography of MIT's sixth president. MacMillan Company, New York, 1937.

*Technology's War Record* is an interpretation of the contribution made by MIT, its staff, former students and undergraduates to the cause of the Allies in World War I. Published by the War Records Committee of the MIT Alumni Association, 1920.

*Q.E.D.: MIT in World War II*, by John E. Burchard. The Technology Press, 1948.

*Mid-Century: The Social Implications of Scientific Progress*, by John E. Burchard. The Technology Press and John Wiley & Sons, Inc., New York, 1950. A verbatim account of MIT's great Mid-Century Convocation, March 31 and April 1-2, 1949.

*When MIT Was Boston Tech*, by C. Samuel Prescott. The Technology Press, Cambridge, 1954. A history of MIT from its founding in 1861 through its move to Cambridge in 1916.

*Scientists Against Time*, by James Phinney Baxter III. MIT Press, 1968. An account of the scientific developments of World War II, with a large section on the activities of the Radiation Labs (now the D-Labs).

*Pieces of the Action*, by Vannevar Bush. An account of the author's experiences with regard to several technological advances, including basic work leading to the development of the computer. This book is not really about MIT, but it does reflect the activities of one of the Institute's leading figures.

*The error of youth is to believe that intelligence is a substitute for experience, while the error of age is to believe that experience is a substitute for intelligence.*

— Lyman Bryson



# Appendix 6 —

## Names of MIT Buildings

Some people hate to use numbers for all the buildings (or any of them). This listing was written just for them.

So that credit (or blame) can be placed where due, we list the architects after their creations. Curiously, almost all the designers of MIT buildings were either students or professors at MIT, or both.

<i>Building</i>	<i>Name [Architect]</i>
1	Henry L. Pierce Engineering Laboratory [Welles Bosworth]
2	No name [Welles Bosworth]
3	The Richard Cockburn MacLaurin Building [Welles Bosworth]
4	The Richard Cockburn MacLaurin Building
4A	Laser Laboratory
5	Pratt School of Naval Architecture and Marine Engineering [Welles Bosworth]
6	George Eastman Research Laboratory [Welles Bosworth]
6A	The Spectroscopy Laboratory
7	William Barton Rogers Building [Welles Bosworth; Harry J. Carlson]
8	Metallurgy Building
9	Center for Advanced Engineering Study [Skidmore, Owings and Merrill (Chicago)]
10	The Richard Cockburn MacLaurin Building
11	Homberg Infirmary [Bosworth, Coolidge '83 and Carlson '92]
12	No name (former Chemical Engineering Dept.)
13	The Vannevar Bush Building (Center for Materials Science and Engineering) [Skidmore, Owings and Merrill (Chicago)]
14	Charles Hayden Memorial Library [Voorhees, Walker, Foley & Smith; Anderson & Beckwith]
16	Dorrance Building [Anderson, Beckwith, & Haible]
17	Wright Brothers Wind Tunnel [Jackson & Moreland]
17A	No name [Jackson & Moreland]
18	Camille Edouard Dreyfus Building (Chemistry) [I.M. Pei]
20	No name [McCreery & Whiston]
24	No name [Anderson & Beckwith]
26	Karl Taylor Compton Laboratory [Skidmore, Owings, & Merrill (New York)]
31	Sloan Laboratories for Aircraft and Automotive Engineering [Coolidge & Carlson; Anderson; Beckwith]

- 33 Daniel Guggenheim Aeronautical Laboratory [Coolidge & Carlson]
- 35 Sloan Metals Processing Laboratory [Perry, Shaw, Hepburn & Dean]
- 36 Sherman Fairchild Building (west wing) (Electrical Engineering & Communications Research Center) [Skidmore, Owings & Merrill (Chicago)]
- 37 Center for Space Research [Skidmore, Owings & Merrill (Chicago)]
- 38 Sherman Fairchild Building (east wing) [Skidmore, Owings & Merrill (Chicago)]
- 39 Information Processing Service Center [Skidmore, Owings & Merrill (Chicago)]
- 41 No name [Welles Bosworth]
- 42 Power Plant
- 43 No name [Welles Bosworth]
- 44 The Cyclotron [McCreary & Winston]
- 46 No name
- 48 The Ralph M. Parsons Lab for Water Resources and Hydrodynamics [Perry, Dean, Hepburn, and Stewart]
- 50 Francis Amasa Walker Memorial Building [WellesBosworth]
- 51 The MIT Sailing Pavilion
- 54 The Cecil and Ida Green Building (Center for Earth Sciences) [I.M.Pei]
- 56 The Uncas A. Whitaker Building (Center for Life Sciences) [Anderson, Beckwith & Haible]
- 57 The MIT Alumni Building (Alumni Swimming Pool) [Anderson & Beckwith]
- 58 The Office of Naval Research Generator [Anderson & Beckwith]
- 62 Wood, Hayden, Munroe (East Campus—west) [Welles Bosworth; Coolidge & Carlson]
- 64 Goodale, Bemis, Walcott (East Campus—east)
- 66 Ralph Landau Building (Chemical Engineering) [I.M.Pei]
- 70 East Parking Garage (Parking facility) [Marvin E. Goody; Carlton N. Goff]
- E1 The President's House [Welles Bosworth]
- E2 Ware, Atkinson, Runkle (Senior House) [Welles Bosworth]
- E3 Holman, Nichols, Craft (Senior House)
- E10 Psychology Laboratory [Monks & Johnson]
- E15A,B,C No name [Coolidge & Carlson]
- E17 Seeley G. Mudd Building
- E18,19 Horace Sayford Ford Building (Formerly Daggett Building) [Rodgers Associates]
- E20 No name [Wilson]
- E21 No name [Wilson]
- E32 The MIT Press [F.A. Stahl & Associates]
- E34 No name [V.J. Galleni]
- E38 Suffolk Building
- E40 Urban Systems Lab (Formerly P.S. Webster Building) [Densmore, LeClear & Robbins]
- E42 The Hayward Garage (Parking facility 3) [F.E. Leland]
- E52 The Alfred P. Sloan Building [Donald DesGranges]
- E53 The Grover M. Hermann Building (Social Science and Management Research Center) [Eduardo Catalano]



E55	Eastgate [Eduardo Catalano]
N4	Albany Street Garage (Parking facility 4) [Perry, Dean, Hepburn & Steward]
N10	High Voltage Research Laboratories [C. Richmond, Jr.]
N42	Graphic Arts Building [E.H. McClarr]
N51	No name [Cleverdon, Varney and Pike]
N52	No name
N54	Lab Supplies
NW12	The Nuclear Engineering Building
NW13	The Nuclear Chemistry Building
NW14,15	The Francis Bitter National Magnet Laboratory
NW61	Random Hall
W1	Avery Allen Ashdown House (Graduate House) [H.B. Ball]
W2	Non-Resident Student Association
W2A	Religious Counselor's offices
W4	Stanley McCormick Hall (Women's Dormitory) [Anderson, Beckwith & Haible]
W5	Homberg Infirmary (Formerly Sancta Maria Hospital)
W7	Everett Moore Baker House [Alvar Aalto]
W8	Harold Whitworth Pierce Boat House [Anderson, Beckwith & Haible]
W11	Center for Advanced Visual Studies [Goody and Clancy]
W13	Bexley Hall
W15	The MIT Chapel [Eero Saarinen]
W16	Kresge Auditorium [Eero Saarinen]
W20	The Julius Adams Stratton Building (Student Center) [Eduardo Catalano]
W23	Briggs Field House [Anderson & Beckwith]
W31	The Armory [Hartwell, Richardson & Driver]
W32	David Flett duPont Athletic Center [Anderson, Beckwith & Haible]
W33	Rockwell Athletic Cage [Anderson & Beckwith]
W41	Metropolitan Storage Warehouse [Peabody & Stearns]
W45	Vassar Street Garage (Parking facility 2)
W51	Burton House, Conner Hall [Silverman, Brown & Heenan]
W61	The Frank S. MacGregor House [Pietro Belluschi; The Architects Collaborative]
W70	New West Campus Houses [Sert & Johnson]
W84	Ping Yuan Tang Residence Hall [Hugh Stubbins Associates]
W85A-J	Westgate Married Student Housing [Hugh Stubbins Associates]
W91	The Aerophysics Laboratory [Jackson and Moreland]

# Appendix 7 — MIT Publications

## List of MIT Publications

### Educational Programs and Instruction

The *General Catalogue Issue* of the *MIT Bulletin*, published annually about September 1. Contains descriptive material about the Institute, about undergraduate and graduate educational opportunities, and about departmental and interdepartmental activities. Intended for prospective students and others wanting information about MIT. From the Information Center (7-111).

The *Courses and Degree Programs Issue* of the *MIT Bulletin*, published annually about August 1. Contains information on general Institute requirements, general requirements for graduate degrees, interdisciplinary study and research, departmental programs and requirements, and descriptions of subjects. Intended for use by faculty and students at MIT. From the Information Center (7-111).

The *Summer Session Catalogue Issue* of the *MIT Bulletin*, published annually in February. Complete information concerning academic activities during the Summer Session. From the Information Center (7-111).

The *Guide to IAP Activities*. This catalogue of activities taking place during the January Independent Activities Period is published twice each year. The first or preliminary issue appears just before Thanksgiving, and the final guide is issued just before Christmas. Copies are distributed in the lobbies of major campus buildings and can be obtained from the Information Center (7-111).

The *Undergraduate Research Opportunities Program Directory* contains information for undergraduate students for participating with MIT faculty members in a wide range of research and project activities both on and off campus. From the Information Center and the UROP Office. (7-111,20B-141).

*Undergraduate Seminar Program*. A booklet published every spring term describing seminars being offered. Fall term seminars are described in the *Freshman Handbook*. From the Undergraduate Seminar Office (7-105).

*MIT Today*, an interpretive description of the Institute planned especially for prospective undergraduate students. From the Admissions Office. (3-108)

The *Freshman Handbook*, detailed descriptions of first-year subjects, including seminars, and of registration and counseling procedures for members of the freshman



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class. It includes information about residence, athletic and extra-curricular activities. From the Freshman Advisory Council (7-103).

The *Freshman Picturebook* contains pictures of the freshman class. From the Technology Community Association (W20-450).

*Rules and Regulations of the Faculty* is the official statement of the organization and operation of the faculty, its rules and regulations. Published by the Registrar's Office. Available from the Information Office (7-111).

*Class Schedules* and *Typical Course Schedules*, published prior to each term. From the Registrar's Office (E19-335).

The *Guide for Undergraduates and Faculty Counselors*. This booklet, published by the Committee on Academic Performance every year, is intended to be a summary of information concerning the grading system, Institute requirements, various registration procedures, and other administrative aspects of MIT, including detailed information concerning policies and procedures followed by the CAP. From the Information Center and the CAP Office (7-111,10-191).

The *Graduate School Manual*, the definitive statement of the organization, policies, and procedures applicable to graduate instruction. From the Dean of the Graduate School (3-136)

The *Degrees Awarded* publication contains names of persons receiving various degrees awarded by MIT. Published every September, February, and June. From the Registrar's Office (E19-335).

The *Wellesley-MIT Exchange: Guide for MIT Students*, summarizing procedures for participating in the program on the Wellesley campus, published in December and April of each year. From the Information Center (7-111).

*MIT Press Catalog*, plus several supplements, lists and describes the books published each year. From the MIT Press (E32.x3-7297).

*Publications and Theses* lists all professional publications, books and reviews by the staff, as well as laboratory, technical reports and theses for masters', doctors' and engineer's degrees. It is cross-referenced according to subject and author, and is a good place to look for an interesting project idea. Issued by the Publications Office, and available at the Information Office (7-111).

### Annual Reports

The *Report of the President and the Chancellor*, to the MIT Corporation, first published 1871-72, published annually in *Tech Talk* about November 1. A larger edition, including the reports of the deans, department heads, vice presidents, and heads of major laboratories, is published later in the month. From the Information Center (7-111).

The *Report of the Treasurer* to the MIT Corporation, published annually in October. A report of operations, gifts, plant facilities, and investments for the preceding fiscal year. From the Comptroller's Accounting Office (E19-572).

## Benefit Plans and Personnel Policies

*The Benefits Program for Faculty and Staff*, a summary of insurance, health services, retirement plans, and other staff benefit programs. From the Benefits Section of the Office of Personnel Relations (E19-291).

*Major Medical Insurance*, details of the major medical expense coverage. From the Benefits Section of the Office of Personnel Relations (E19-291).

*The Children's Scholarship Plan*, a leaflet describing the assistance available to members of the faculty and staff with children in college. From the Benefits Section of the Office of Personnel Relations (E19-291).

## Administrative Policies

*Purchasing Policy and Procedures*, a brief handbook on purchasing regulations. From the Director of Purchasing (E18-360).

*Catalogue of Laboratory Supplies* and *Electronic Stockroom Catalogue*, price lists of supplies and equipment regularly stocked by the Office of Laboratory Supplies. From the Office of Laboratory Supplies (4-364).

*Catalogue of Office Supplies and Furniture*, price list of supplies regularly stocked by the Office of Laboratory Supplies. From the Office of Laboratory Supplies (4-364).

*Petty Cash Policy*, instructions for supervisors who wish to maintain a petty cash account. From the Comptroller (E19-572).

*Accident Prevention Guide*, a handbook on safe procedures for handling chemicals, machinery, and other materials. From the Safety Engineer (E19-207).

*Guide for the Preparation and Submission of Research Proposals*, a guide prepared by the Office of Sponsored Research to assist faculty members in the preparation of proposals for externally sponsored research programs and to facilitate the administrative review and transmittal of such proposals. From the Office of Sponsored Programs (E19-702).

*Guide to MIT's Administrative Offices*, a guide to office procedures at the Institute. From the Office of Personnel Development (E18-320).

*Travel Expense Policies*, policies and procedures covering reimbursement of travel expenses incurred in the performance of Institute business. From the Comptroller (E19-572).

## Directories

These directories are intended for authorized use by Institute personnel only. They should not be made available for advertising, placement, or other commercial use.

*Institute Telephone Directory*, office and home telephones and addresses, published in the fall. From the Telecommunications Office and the Mail Room (E19-741).

*The Student Directory*, term addresses and telephones, home addresses, and class and course information, published in October. From the Information Center (7-111).



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The *Directory of Foreign Students* from the Information Center (7-111).

The *Directory of Foreign Staff*, published in November. From the Registry of Guests (7-121).

The *Alumni Register*, a complete roster of all former students, published periodically. From the Alumni Association (E19-439).

### Periodical Publications

*Tech Talk* is published every Wednesday by the Public Relations Office (5-111,x3-2701). This is the MIT community newspaper, directed at students, faculty, staff and visitors. It has absorbed the Institute Calendar, which lists up-coming events.

*Technology Review* is published monthly except July, September and November by the Alumni Association. It carries articles on social issues and contemporary technology, in addition to news about alumni and MIT.

The *MIT Observer*, printed in September, December, February, March and May, contains copies of newspaper and magazine articles about the Institute and is intended for off-campus readers. From the Public Relations Office.

*Reports on Research* is published nine times a year through the MIT News Office and contains (strangely enough) brief descriptions of a few current research projects. Often published as part of *Tech Talk*.

### Guides

*A Walk Around MIT*, a map, guide, and digest of general information about MIT. From the Information Center (7-111).

The *Guide to the MIT Libraries*, a description of library facilities and how to use them. From the Director of Libraries (145-200).

The *Guide for the Handicapped*, a map, guide, and digest of general information about MIT especially for the physically handicapped. Provided by the Planning Office and distributed by the Information Office (7-111).

The *MIT Tactual Map*, a map of the MIT campus for the non-sighted, including a braille directory and an audio cassette describing the map's use. From the Planning Office (E19-451).

*You and MIT*, a handbook of general information for new employees in the hourly and biweekly categories, from the Office of Personnel Relations (E19-291).

### Student Life and Activities

*HoToGAMIT* (How To Get Around MIT) is useful to all new members of the Institute community. It provides an comprehensive introduction to the Boston area, as well as student life at the Institute. From the Technology Community Association (W20-450) for a nominal fee.

*Undergraduate Residence at MIT* has material on undergraduate living groups

(prepared by the living groups themselves). It is published annually by the Freshman Advisory Council (7-103) and mailed out to incoming freshmen.

*Graduate Residence*, describing residence facilities available to graduate students, published annually in the spring. From the Dean for Student Affairs (7-133).

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- Administration — *Guide to MIT's Administrative Offices*  
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- Warning, Academic — *Guide for Undergraduates and Faculty Counselors*
- Wellesley-MIT Exchange — *Wellesley-MIT Exchange Guide for MIT Students*
- Year-Away Programs — *Guide for Undergraduates and Faculty Counselors*



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## MIT Drinking Song

*Godiva was a lady who through Coventry did ride  
To show the royal villagers her fair and pure white hide.  
The most observant man of all, an engineer of course,  
Was the only man who noticed that Godiva rode a horse.*

*chorus:*

*We are, we are, we are, we are, we are the engineers.  
We can, we can, we can, we can demolish forty beers.  
Drink rum, drink rum, drink rum all day and come along with us.  
For we don't give a damn for any old man who don't give a damn for us!*

*She said I've come a long, long way, and I shall go as far  
With the man who takes me from this horse and leads me to a bar.  
The man who took her from her steed and lead her to her beer  
Was a bleary eyed surveyor and a drunken engineer.*

*chorus*

*My father was a miner from the upper Malamute.  
My mother was a mistress in a house of ill repute.  
The last time that I saw them, these words rang in my ears:  
Go to MIT, you son of a bitch, and join the engineers!*

*chorus*

*The army and the navy went out to have some fun.  
They went down to the taverns where the fiery liquors run.  
But all they found were empties, for the engineers had come,  
And traded all their HP's for gallon kegs of rum.*

*chorus*

*Venus was a statue made entirely of stone.  
Without a stitch upon her, she was naked as a bone.  
On seeing that she had no clothes, an engineer discoursed:  
"Why the damn thing's only concrete, and should be reinforced!"*

*chorus*

*Princeton's run by Wellesley, Wellesley's run by Yale  
Yale is run by Vasser, and Vasser's run by tail  
Harvard's run by stiff pricks, the kind you raise by hand.  
But MIT's run by engineers, the finest in the land.*

*chorus*

*If we should find a Harvard man within our sacred walls,  
We'd take him up to physics lab and amputate his balls.  
And if he hollers uncle, I'll tell you what we'd do:  
We'd stuff his ass with broken glass and seal it up with glue.*

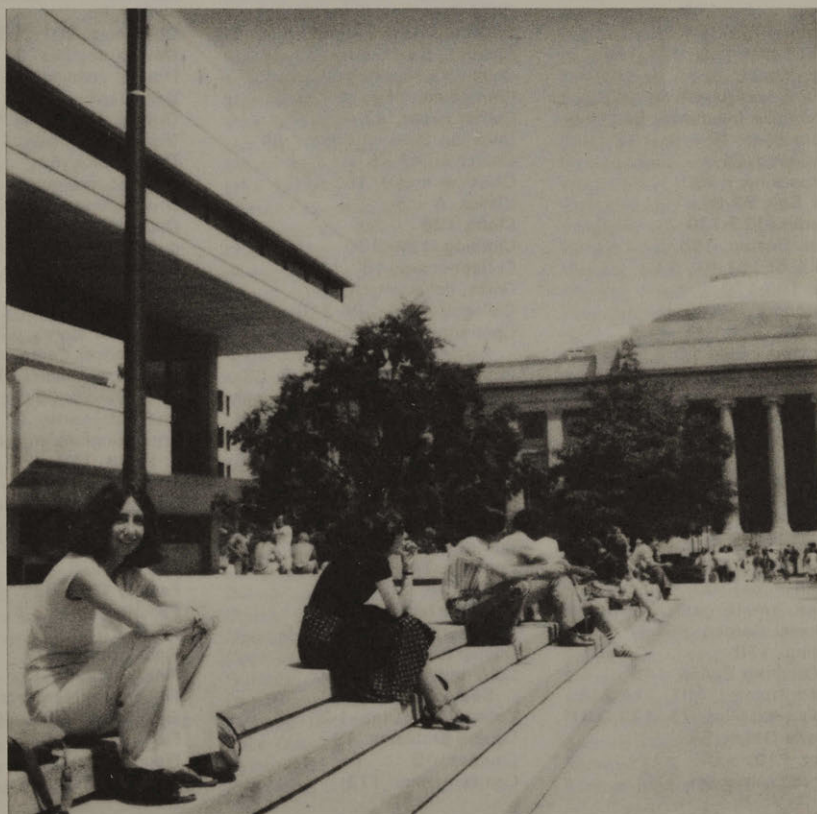
*chorus*

*Sir Francis Drake and all his ships set out for Calais Bay.  
For they had heard a rum ship was headed on their way.  
But the engineers had beaten them by a night and half a day  
And though as drunk as ptarmigans, you still could hear them say:*

*chorus*

*A maiden and an engineer were sitting in the park.  
The engineer was doing advanced research after dark.  
His scientific method was a marvel to observe —  
While his right hand wrote the figures, his left hand traced the curves.*

*chorus*





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## The Ballad of 5.60

*Free energy and entropy were whirling  
in his brain,  
With partial differentials and greek let-  
ters in their train.  
With delta, sigma, gamma, theta, ep-  
silon, and pi  
Were driving him distracted as they  
danced before his eye.*

Chorus:

*Glory, glory dear old thermo  
Glory, glory dear old thermo  
Glory, glory dear old thermo,  
We'll pass you by and by.*

*Heat Content and fugacity revolved  
within his brain  
Like molecules and atoms that you  
never have to name.  
And logarithmic functions doing  
cakewalks in his dreams,  
And partial molar quantities devouring  
chocolate creams.*

chorus

*They asked him on the final if a mole of  
any gas  
In a vessel with a membrane through  
which Hydrogen could pass  
Were compressed to half its volume  
what the entropy would be  
If two-thirds delta-sigma equalled half  
of delta-P.*

chorus

*He said he guessed the entropy would  
have to equal four  
Unless the second law should bring it  
up a couple more  
But then, it might be seven if the Carnot  
law applied,  
Or it might be almost zero if the delta-T  
should slide.*

chorus

*The professor read his paper with a cor-  
rugated brow,  
For he knew he'd have to grade it and  
he didn't know quite how.  
'Till an inspiration in his cerebellum  
suddenly smote,  
And he seized his trusty fountain pen  
and this is what he wrote:*

*Just as you guessed the entropy, I'll  
have to guess your grade,  
But the second law won't raise it to the  
mark you might have made.  
For it might have been 100 if your  
guesses all were good,  
But I think it must be zero 'till they're  
rightly understood.*

Final chorus:

*Glory, glory dear old thermo  
Glory, glory dear old thermo  
Glory, glory dear old thermo  
We'll try again next term.*

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